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RESULTS

OF

ASTRONOMICAL OBSERVATIONS

CAPE OF GOOD HOPE

1875.

Per. 1843
d. 51

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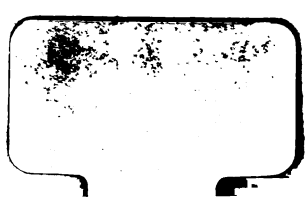
ASHMOLEAN NATURAL HISTORY SOCIETY

OF OXFORDSHIRE.

Per. 1843 · d. 51



RESULTS

OF

ASTRONOMICAL OBSERVATIONS

MADE AT THE

ROYAL OBSERVATORY,

CAPE OF GOOD HOPE,

DURING THE

YEAR 1875,

UNDER THE DIRECTION OF

EDWARD JAMES STONE, M.A. CAMB., F.R.S., F.R.A.S.,

C. M. DE LA SOCIETE NATIONALE DES SCIENCES NATURELLES DE CHERBOURG,

HONORARY FELLOW OF QUEENS' COLLEGE, CAMBRIDGE,

AND

HER MAJESTY'S ASTRONOMER AT THE CAPE OF GOOD HOPE.

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1877.

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ERRATA AND NOTES.

Owing to the printing of the Results for 1872 and 1873 in England and the impossibility of referring either to the observations or calculations, it was feared that a few errors might have been passed in the press. The whole of the Catalogued Results as printed have therefore since my return been re-read with the original observations in the books of reductions. This reading and a systematic examination of the results which has been made in preparation for a final Catalogue have led to the detection of the few errors given below.

CAPE OBSERVATIONS, 1871.

pp. 5 and 33. Lacaille 2356. For $8^s{\cdot}45$ read $9^s{\cdot}82$. The correction for Azimuth was applied with the wrong sign.

pp. 11 and 38. σ Ophiuchi. For $6^s{\cdot}39$ read $6^s{\cdot}96$. Four of the observed wires were each $1^s{\cdot}$ too small.

pp. 13 and 39. λ Octantis. For $48^s{\cdot}11$ read $50^s{\cdot}60$. The correction for Azimuth was applied with the wrong sign.

p. 42. Brisbane 2379. The constants have been computed with R.A. $1^m{\cdot}$ too great and should be.

− 9·1287	+ 9·1114	+ 9·8141	+ 9·0990	− 9·9043	− 9·8283	+ 1·1602	+ 9·8407

The Catalogued N.P.D. requires in consequence to be diminished by $0''{\cdot}09$.

CAPE OBSERVATIONS, 1872.

pp. 5 and 39. Lacaille 779 S.P. For $4^s{\cdot}42$ read $5^s{\cdot}25$. The Instrumental corrections were applied with wrong signs.

pp. 10 and 43. Lacaille 5836. For $45^s{\cdot}39$ read $46^s{\cdot}31$. The Instrumental corrections were wrongly applied.

p. 39. No. 69. δ Eridani. For $57^m{\cdot}$ read $37^m{\cdot}$

p. 40. No. 71. Precession in N.P.D. For $-13''{\cdot}90$ read $-11''{\cdot}46$.

p. 49. No. 347. It appears that the second and fainter Star was observed.

CAPE OBSERVATIONS, 1873.

Lacaille 4027. The constants b, c, a^1, and d^1 on p. 99 require small corrections and should be + 9·6001, − 0·6890 − 9·8162, and + 9·7880 respectively; hence the following errata—

p. 18. The R.A.'s on Mar. 4, 5, and April 4 require to be increased by $0^s{\cdot}07$, $0^s{\cdot}06$, and diminished by $0^s{\cdot}05$ respectively.

p. 53. The N.P.D.'s on the same dates require to be increased by $0''{\cdot}18$, $0''{\cdot}17$, and $0''{\cdot}18$ respectively.

p. 79. No. 314. For $33^s{\cdot}63$ read $33{\cdot}66$; for $5^s{\cdot}072$ read $4^s{\cdot}886$; and for $49''{\cdot}19$ read $49''{\cdot}37$.

p. 72. Dele No. 79. The Star observed is Lacaille 734.

p. 72. No. 82. Precession in N.P.D. For $15''{\cdot}56$ read $16''{\cdot}10$.

p. 86. No. 912. For B.A.C. 5626 read B.A.C. 5636.

p. 87. No. 547. For the N.P.D. read 166° 36′ 23″·79.

p. 87. For Lacaille 7539 read Lacaille 7529.

p. 90. No. 642. Precession in R.A. For $2^s{\cdot}107$ read $2^s{\cdot}401$.

p. 90. No. 648. " " " For $2^s{\cdot}158$ read $2^s{\cdot}476$.

p. 91. Dele No. 679. No Star of the 7 mag. appears to exist in this place; and it would seem that the observer must have made some mistake in entering his observations.

CAPE OBSERVATIONS, 1874.

pp. 103. and 157. 36 Tauri. For 64° in the N.P.D. read 66°.

p. 109. First Column. Lacaille 2551 S.P., Sept. 18. For $11''{\cdot}53$ read $10''{\cdot}49$.

Second Column. * 7 mag. Insert S.P., and on Sept. 18 for $15''{\cdot}88$ read $14''{\cdot}84$.

These two Stars on Sept. 12 were observed at the same set, and each was a considerable distance out of the centre of the field. The observations are in consequence rather rough.

p. 171. No. 663. Precession in R.A. For $2^s{\cdot}947$ read $3^s{\cdot}047$.

TABLES FOR STAR CORRECTIONS.—APPENDIX TO CAPE OBSERVATIONS, 1874.

p. 3. Fourth Column. For 37^m. read 57^m.

p. 6. Last Column. For 79^m. read 49^m.

p. 20. Under heading a d for $2^h.\ 1^m.\ 0^s.$ read 9·93643 for 9·93603.

N.P.D, Table. Declination 58°. For $c^1 = 0{\cdot}30220$ read $c^1 = 1{\cdot}30220$.

The following is a complete list of the publications of the Cape Observatory since 1871 :—

1871, Feb.	Results of Astronomical Observations, 1856.
1871, Mar.	Results of Meteorological Observations, 1841–1870.
1872, Feb.	Results of Astronomical Observations, 1857.
1872, Mar.	Results of Astronomical Observations, 1858.
1873, Oct.	First Cape Catalogue of 1159 Stars, from Observations 1856–1861.
1874, Feb.	Mean places of eight close-polar Stars from 1860 to 1900.
1874, Sept.	Results of Astronomical Observations, 1859.
1874, Dec.	Results of Astronomical Observations, 1860.
1875, Dec.	Results of Astronomical Observations, 1871.
„ „	Results of Astronomical Observations, 1872.
„ „	Results of Astronomical Observations, 1873.
1876, Dec.	Tables for facilitating the Computation of Star-corrections.
1877, Jan.	Results of Astronomical Observations, 1874.
1877, Nov.	Results of Astronomical Observations, 1875.

E. J. S.

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INTRODUCTION

TO THE

ASTRONOMICAL OBSERVATIONS,

MADE AT THE

ROYAL OBSERVATORY, CAPE OF GOOD HOPE,

IN THE

YEAR 1875.

THE personal staff of the Royal Observatory, Cape of Good Hope, during the year 1875, has consisted of Edward James Stone, M.A., F.R.S., Her Majesty's Astronomer; William Henry Finlay, B.A., First Assistant; George W. H. Maclear, Second Assistant; Calcott M. Stevens, Third Assistant; and Isaac Freeman, Fourth Assistant. There have usually been three computers and a carpenter attached to the staff. The time-ball and meteorological services have been carried on as usual; but the chief work of the year has been the continuation of the general re-observation of the stars in Lacaille's "Cœlum Australe Stelliferum," which was commenced in 1871. The present volume should contain observations of all Lacaille's stars, which at the present epoch, fall within the limits of 145° to 155° North Polar distance; but it contains also places of some stars, in the same zone, not generally much lower than the seventh magnitude of Lacaille's scale, which are not to be found in the "Cœlum Australe Stelliferum." Each star has in general been observed three times in both elements.

It may be mentioned that Lacaille's stars within the limits 135° to 145° N.P.D. were observed in the year 1876, and that the stars in the zone 125° to 135° N.P.D. have been observed in 1877.

The instrument used for the Meridian Observations has been the Transit-circle. This instrument was constructed upon Sir G. Airy's plans, by Messrs. Ransome and May, as engineers, and Mr. Simms, as optician. It is similar in construction and power to the Transit-circle of the Royal Observatory, Greenwich.

The only points of difference are,—the removal of the Setting-circle and the handles for moving the instrument from connexion with the graduated circle to the opposite side of the instrument, and the piercing of

the central cube, to allow of the adjustment of the wires of the collimating telescopes upon each other without the necessity of raising the Transit-circle.

A most careful and elaborate description, with plans, of the Greenwich instrument is given in the volumes of Greenwich Observations, 1852 and 1867. This appears to render any detailed account of the Cape instrument unnecessary.

TRANSIT OBSERVATIONS.

The Transit-clock made use of during the year 1875 has been the clock by William Hardy.

The form of the pivots was examined in 1872, January 4. The errors were found to be insensible.

The collimation errors have been determined by Gauss' method. The apertures of the collimating telescopes are four inches. The changes in the collimation of the instrument are exceedingly small, unless the instrument has been subjected to some accidental strain. The correction for diurnal aberration is included in the collimation correction, and the results are given in Table I.

The level errors have been determined by the use of a Bohnenberger's reflecting eye-piece. The time at which the level error was determined, on any day, can generally be inferred from the time at which the Nadir-point reading was determined by the same observer on the same day.

I have had numerous determinations of the level and Nadir-point corrections made at different hours of the day, to test the stability of the instrument over short periods of time. The stability over short periods appears satisfactory, but the annual fluctuations are large. The annual range of the level-factors is about $\pm$ 0^s·6, and the range in the Nadir-point correction is correspondingly large, being about $\pm$ 10″. When the Transit-circle was first mounted in 1855, and for some years afterwards, the annual fluctuations, although well marked, were smaller; but since 1864 they have been nearly as large as at present. The position of the Transit-circle appears to be influenced by the amount of back-water in the rivers around the hill upon which the Observatory stands These back-waters have increased considerably since the narrowing of the outlet of the Salt River by the railway works in progress about 1860; but I cannot distinctly trace the increased annual changes much further back than 1864.

The level errors will be found in Table II.

The azimuthal errors used in the reductions of the year will be found in Table II., and the details of the determinations in Table III. When the azimuthal errors adopted depend upon the absolute right ascensions of polar stars, the right ascensions are either derived from "The mean places of eight close Southern Polar stars, 1860 to 1900," published by me in 1874, February 28, or from the observations made in 1871.

The azimuthal errors determined from Mr. Freeman's observations before February 15 have all been corrected by an application of one of the quantities given in the Introduction to the Cape Observations 1873 and 1874. The results of Mr. Freeman's observations after February 15

appeared to be free from personal error and no corrections have therefore been applied to them.

The "meridian mark" referred to in Table III. is on an undulation immediately to the east of the mountain called Blaauw Berg, and is situated about 13 miles north of the Observatory. It is a pillar built to serve as a permanent meridian mark for the 10 feet Dollond's Transit. The Transit instrument is about 52 feet west of the meridian of the Transit-circle. The azimuth of the mark, from the meridian of the Transit-circle, assumed in the determination of the azimuthal errors given in Table III. has been 2′ 40″ west. It would appear that the assumed azimuth is too great by about 1″·3, and that the true azimuth of the mark is nearly 2′ 38″·7 west. The azimuthal errors derived from the position of the mark have not been used in the reductions, except for the approximate determinations of the clock error for time-ball purposes. The mark can only be well seen near noon on rather cloudy days; on bright, clear days it can only be observed soon after sunrise and near the time of sunset. The value of the mark, as an indication of changes in the position of the Transit-circle, is not so great as it would be were observations possible at any hour of the day.

The following are the dates at which level-errors of the instrument have been changed by the insertion of thin plates of tin-foil under the bearing-plate of the western pivot: —

1856, July 27.—3 thicknesses inserted.

Level-error factor before — 1ˢ·355
After + 0·153

1860, August 21.—3 more thicknesses inserted.

Level-error factor before — 0ˢ·946
After + 0·431

1872, February 26.—The 6 thicknesses of tin-foil were removed, and 29 much thinner sheets inserted in their place. The bearings were found clean and bright, and the tin-foil removed was apparently uninjured.

Level-error factor before — 1ˢ·935
After + 0·445

The relative subsidence of the western pivot over the eastern pivot, from 1856 to 1872, has been nearly 4″ a year. This would be equivalent to a relative depression of about $\frac{1}{1000}$ of an inch per year.

In the adjustment of 1872 the error was purposely over-corrected under the expectation that the regular secular change would proceed as before. This does not appear to be the case, and the result is that the level-error is large from over-correction.

The values of the intervals of the Transit-circle wires have been deduced from observations of stars.

The wires of the Transit-circle were found broken in 1873, May 30. I inserted a new system of wires, but these were broken almost imme-

diately by one of the assistants pushing in too far the eye-piece of the Transit-circle. A new system of wires was again inserted, and a recurrence of a similar accident prevented by a thin ring of metal placed around the eye-piece. I availed myself of the opportunity to release the wire-frame from some indications of constraint to which it appeared to have been subjected. The lenses of the object-glass were separated, cleaned, and carefully re-centered. The definition of the glass was improved by the re-centering.

Independently of the night observations the error of the Transit-clock has been usually determined on each day by observations of stars (or of the sun), between 9 a.m. and 1 o'clock p.m. These observations are reduced, with approximate corrections, for time-ball purposes. The rates deduced from them are not generally given in the present volume.

The observations in right ascension during the year, 1875, have been made generally by the galvanic method, and registered on a Bond's Spring-Governor Chronograph; but a considerable number of observations have been made by the eye and ear method. It has been the rule for each observer to fix his clock-error by observations of clock-stars whose right ascensions do not differ much from the group of stars under observation for place, and always to fix the clock-error by the eye and ear method if the stars for place are observed eye and ear. The results contained in the present volume should, therefore, be only very slightly affected by the personal equations of the observers. The mean personal equations have, however, been investigated and used in the determination of the rates of the Transit-clock.

The observations made by Messrs. Stone, Finlay, Maclear, Stevens, and Freeman, are distinguished by the letters, S, F, M, C, and I, respectively.

Taking Mr. G. Maclear's clock-errors as a standard, the following are the clock-errors of the other observers:—

EYE AND EAR METHOD.

		s
Clock-error by Mr. Stone	=Clock-error fast	+ 0·17
Mr. Finlay	=	+ 0·25
Mr. Stevens	=	+ 0·15
Mr. Freeman	=	+ 0·07

CHRONOGRAPH OBSERVATIONS.

Clock-error by Mr. Stone	=Clock-error fast	+ 0·19
Mr. Finlay	=	+ 0·13
Mr. Stevens	=	+ 0·03
Mr. Freeman	=	+ 0·25

The following Table gives the Adopted Mean Right Ascensions of the Stars observed for the determination of Clock-error in the year 1875 and the Seconds of the observed Right Ascensions of these Stars extracted from the Catalogue of the year. The observed Right Ascensions are only kept for place when at least four Stars have been observed by the same observer to fix the clock-error.

Assumed Mean Right Ascensions of Stars used for the determination of Clock-error in the Year 1875.

Star's Name.	Assumed R.A. 1875, Jan. 1.	Seconds of Observed R.A.	No. of Observations of R.A.	Star's Name.	Assumed R.A. 1875, Jan. 1.	Seconds of Observed R.A.	No. of Observations of R.A.
	h m s	s			h m s	s	
α Andromedæ ...	0 1 55·71			η Tauri	3 40 3·36	3·42	3
γ Pegasi	0 6 47·99	48·00	2	γ¹ Eridani	3 52 11·81	11·78	11
ι Ceti.....	0 13 3·44	3·47	1	A¹ Tauri	3 57 18·41		
44 Piscium.....	0 18 59·67			ω¹ Tauri	4 1 53·13		
12 Ceti	0 23 39·50	39·54	3	o¹ Eridani	4 5 45·82	45·82	4
ε Andromedæ ...	0 31 57·18	57·15	2	γ Tauri	4 12 40·86		
β Ceti.....	0 37 18·81	18·79	5	ε Tauri	4 21 19·09	19·13	3
δ Piscium	0 42 11·81	11·82	1	α Tauri.....	4 28 44·94	44·95	12
29 Ceti	0 46 37·10			τ Tauri	4 34 44·59		
μ Andromedæ ...	0 49 49·12			μ Eridani	4 39 15·16		
ε Piscium	0 56 27·42	27·35	6	ι Aurigæ	4 48 51·29	51·34	1
β Andromedæ ...	1 2 44·26			ε Leporis	5 0 10·18	10·13	7
ξ¹ Piscium.....	1 7 12·06	12·17	1	β Orionis	5 8 31·83	31·81	13
θ Ceti.....	1 17 46·48	46·53	2	β Tauri.....	5 18 23·45	23·42	6
η Piscium.....	1 24 47·76	47·77	3	δ Orionis	5 25 37·23	37·24	7
ν Piscium.....	1 34 55·59			α Leporis	5 27 13·04	12·95	5
o Piscium.....	1 38 47·62			ε Orionis	5 29 52·21	52·27	9
β Arietis.....	1 47 44·18	44·19	3	α Columbæ	5 35 7·47	7·33	1
α Arietis.....	2 0 7·75	7·73	2	κ Orionis	5 41 49·65	49·67	1
ξ¹ Ceti	2 6 22·57			α Orionis	5 48 24·27	24·29	7
67 Ceti.....	2 10 44·89	44·91	11	1 Geminorum ...	5 56 31·30	31·33	1
ξ² Ceti	2 21 30·84	30·87	9	ν Orionis .....,	6 0 26·09	26·12	3
ν Ceti	2 29 18·86			η Geminorum ...	6 7 19·92		
δ Ceti	2 33 4·59	4·52	1	μ Geminorum ..,	6 15 23·88	23·96	3
γ² Ceti	2 36 49·45	49·45	8	β Canis Majoris..	6 17 11·70		
σ Arietis	2 44 35·54	35·55	1	ν Geminorum ...	6 21 32·41		
ε Arietis.	2 52 4·94			γ Geminorum	6 30 29·37	29·45	5
α Ceti	2 55 44·76	44·73	7	ξ Geminorum ...	6 38 16·40		
δ Arietis	3 4 29·01	29·08	3	θ Canis Majoris..	6 48 22·93		
r¹ Arietis	3 14 0·74			ε Canis Majoris..	6 53 42·78	42·72	4
o Tauri	3 18 5·31			ζ Geminorum ...	6 56 41·66		
f Tauri.....	3 23 58·41	58·42	4	γ Canis Majoris..	6 58 6·20	6·16	4
ε Eridani.....	3 27 2·47	2·48	4	51 Geminorum...	7 6 11·57		
11 Tauri.....	3 33 18·44			δ Geminorum ..	7 12 39·40	39·35	5
δ Eridani	3 37 15·61			β Canis Minoris..	7 20 22·28	22·30	1

Star's Name.	Assumed R.A. 1875, Jan. 1.	Seconds of Observed R.A.	No. of Observations of R.A.	Star's Name.	Assumed R.A. 1875, Jan. 1.	Seconds of Observed R.A.	No. of Observations of R.A.
	h m s	s			h m s	s	
α Geminorum ...	7 26 37·32	37·31	1	υ Virginis	11 58 50·50		
α Canis Minoris..	7 32 45·45	45·39	16	ε Corvi	12 3 41·90	41·86	3
β Geminorum ...	7 37 39·86	39·88	3	η Virginis	12 13 30·62	30·66	6
ξ Navis	7 44 2·24			δ^2 Corvi..... ...	12 23 23·98		
6 Cancri	7 55 50·30	50·27	5	β Corvi...	12 27 49·34	49·42	5
15 Argûs	8 2 13·20	13·20	3	ρ Virginis	12 35 33·46		
β Cancri	8 9 44·10			35 Virginis	12 41 29·52	29·63	1
d^1 Cancri	8 16 12·25			31 Comæ	12 45 36·57		
η Cancri	8 25 28·68	28·69	7	δ Virginis	12 49 18·44		
γ Cancri	8 36 2·97	3·07	1	ε Virginis	12 55 57·27		
ε Hydræ	8 40 9·30	9·28	3	θ Virginis	13 3 28·70	28·77	4
α Cancri	8 51 38·93			α Virginis	13 18 36·52	36·52	7
κ Cancri	9 0 58·52	58·44	1	ζ Virginis	13 28 19·45	19·48	3
83 Cancri	9 12 0·11	0·19	4	m Virginis.....	13 35 3·12		
α Hydræ	9 21 26·64	26·65	4	τ Boötis.....	13 41 19·33	19·24	1
ξ Leonis	9 25 12·39			η Boötis	13 48 43·98		
o Leonis	9 34 28·65			τ Virginis	13 55 17·12	17·16	3
ε Leonis	9 38 45·18	45·16	2	94 Virginis	13 59 40·66	40·78	1
μ Leonis	9 45 39·05	38·97	1	κ Virginis	14 6 13·74		
π Leonis	9 53 36·40	36·41	1	α Boötis	14 9 57·59	57·51	1
α Leonis	10 1 42·77	42·77	5	f Boötis...	14 20 38·59	38·51	3
γ^1 Leonis	10 13 4·68	4·69	6	ρ Boötis.....	14 26 26·56	26·52	1
μ Hydræ	10 20 2·72			ε^2 Boötis	14 39 31·67	31·57	1
ρ Leonis	10 26 13·69	13·61	1	α Libræ.....	14 43 57·93	57·89	4
34 Sextantis	10 36 10·13			ξ^2 Libræ	14 49 59·23	59·23	1
l Leonis.....	10 42 41·13	41·19	2	ψ Boötis	14 59 5·37		
d Leonis	10 54 6·23			ε^1 Libræ.....	15 5 5·90	5·93	2
χ Leonis	10 58 34·08	34·15	3	β Libræ	15 10 16·87	16·86	4
δ Leonis	11 7 27·49	27·43	3	o^2 Libræ	15 16 3·54		
δ Crateris	11 13 5·52	5·54	4	ζ^1 Libræ	15 21 12·56	12·46	1
τ Leonis	11 21 30·48	30·54	1	α Coronæ	15 29 23·73		
υ Leonis	11 30 32·89	32·87	1	α Serpentis	15 38 6·68		
β Leonis	11 42 40·95	40·96	8	ε Serpentis	15 44 35·12		
β Virginis.....	11 44 10·99	11·06	1	γ Serpentis	15 50 40·80	40·79	1
π Virginis.....	11 54 28·04			β^1 Scorpii	15 58 10·22		

Star's Name.	Assumed R.A. 1875, Jan. 1.	Seconds of Observed R.A.	No. of Observations of R.A.	Star's Name.	Assumed R.A. 1875. Jan. 1.	Seconds of Observed R.A.	No. of Observations of R.A.
	h m s	s			h m s	s	
δ Ophiuchi	16 7 47·70	47·73	7	c Sagittarii.....	19 54 58·13		
γ Herculis.....	16 16 24·35	24·40	1	θ Aquilæ	20 4 51·24		
α Scorpii	16 21 44·70	44·64	7	a^2 Capricorni ...	20 11 7·03	7·05	1
λ Ophiuchi	16 24 36·58			β Capricorni.....	20 13 59·15		
ζ Ophiuchi	16 30 16·59			ρ Capricorni	20 21 43·67	43·77	4
ζ Herculis...	16 36 34·50	34·40	1	ϵ Delphini	20 27 14·42		
κ Ophiuchi	16 51 45·08	45·10	4	α Delphini.....	20 33 49·91		
ϵ Herculis.....	16 55 30·45			ϵ Aquarii	20 40 54·43	54·46	1
η Ophiuchi	17 3 12·58	12·58	2	μ Aquarii	20 45 54·58		
α^1 Herculis	17 8 56·86	56·86	5	32 Vulpeculæ.....	20 49 13·94	13·88	5
θ Ophiuchi	17 14 20·00	20·05	1	θ Capricorni	20 58 55·08		
σ Ophiuchi	17 20 18·76			ζ Cygni.....	21 7 36·97	36·94	1
α Ophiuchi	17 29 7·89	7·89	10	α Equulei	21 9 34·46		
β Ophiuchi	17 37 17·82	17·89	2	ι Capricorni	21 15 17·03		
μ Herculis.....	17 41 34·01	33·88	1	β Aquarii	21 24 58·59	58·64	4
89 Herculis	17 50 22·63	22·58	3	ξ Aquarii	21 31 5·72	5·76	1
72 Ophiuchi	18 1 25·38	25·36	1	ϵ Pegasi	21 38 2·79	2·70	1
μ^1 Sagittarii	18 6 17·21	17·23	4	δ Capricorni	21 40 8·33		
η Serpentis.....	18 14 50·48	50·51	4	16 Pegasi	21 47 22·50	22·44	4
λ Sagittarii	18 20 15·34	15·34	9	α Aquarii	21 59 21·71	21·81	2
α Lyræ	18 32 42·35	42·32	3	ι Pegasi	22 1 11·54		
2 Aquilæ	18 35 25·71	25·73	2	θ Aquarii	22 10 14·14	14·19	5
β Lyræ	18 45 27·87	27·82	2	γ Aquarii	22 15 11·92		
ϵ Aquilæ	18 53 56·89	56·93	1	σ Aquarii	22 24 1·80	1·86	4
ζ Aquilæ	18 59 39·81	39·82	1	η Aquarii	22 28 55·90	55·97	6
ψ Sagittarii	19 7 52·40	52·49	1	ζ Pegasi	22 35 13·62	13·68	5
ω Aquilæ	19 11 56·89	56·92	2	μ Pegasi	22 43 58·25		
δ Aquilæ	19 19 11·67	11·74	1	λ Aquarii	22 46 5·45		
α Vulpeculæ.....	19 23 30·23			α Piscis Australis	22 50 44·32	44·33	6
μ Aquilæ	19 27 58·93			α Pegasi	22 58 32·07	31·98	2
h^2 Sagittarii	19 29 5·92	5·90	2	γ Piscium	23 10 41·05	41·09	3
e^1 Sagittarii	19 33 33·63			κ Piscium	23 20 31·43	31·45	3
γ Aquilæ	19 40 18·97	18·93	3	ι Piscium	23 33 31·24	31·24	6
α Aquilæ	19 44 41·02	41·03	11	δ Sculptoris	23 42 24·69	24·64	7
β Aquilæ.....	19 49 10·35	10·39	3	ω Piscium	23 52 53·55	53·54	2
				2 Ceti	23 57 20·07		

The corrections for the determination of the Mean Right Ascensions from the apparent Right Ascensions for all Stars contained in the Nautical Almanac have, except for σ Octantis, been extracted from that work. The corrections for all other Stars contained in the Greenwich Catalogue for 1864 have been computed with the constants of that work, but no correction for the proper motion for the fraction of the year has been applied. For all other Stars Constants have been specially computed, and in these cases the proper motion for the fraction of the year has not been applied.

CIRCLE OBSERVATIONS.

There are six microscopes, placed at equal angular distances around the circle, which are read at every circle observation. If S_r denote the correction to the reading of the circle for division errors when the divisions under the microscopes are r, r+60, r+120, r+180, r+240, r+300 the circle is so placed that when the zenith distance pointer reads zero, the division correction is S_{30}, and when the zenith distance pointer reads 5° South, the division correction is S_{35}.

In the month of December, 1855, soon after the mounting of the Transit-circle, the mean corrections required by every pair of divisions of the Transit-circle from 0° to 180° were determined at intervals of 5°. The method adopted was that described in the Greenwich Volumes for the years 1852 and 1867. The observations made for the determination of these corrections were not very numerous, but in the mean of the six microscopes accidental errors of observation are greatly smoothed down.

A re-examination of these mean division corrections was made by me in 1871. The results of the two independent determinations then made and those found from the observations made in 1855 are contained in the following Table:—

Divisions under Microscopes.	Correction required by the Mean Reading.		
	1855.	1871. 1st Set.	1871. 2nd Set.
	″	″	″
S_0	− 3·138	− 2·986	− 3·023
S_5	− 2·568	− 2·650	− 2·635
S_{10}	− 2·687	− 2·691	− 2·673
S_{15}	− 3·261	− 3·145	− 3·189
S_{20}	− 3·181	− 3·429	− 3·376
S_{25}	− 3·215	− 3·019	− 2·972
S_{30}	− 2·854	− 2·914	− 2·891
S_{35}	− 3·092	− 3·014	− 3·011
S_{40}	− 3·260	− 3·265	− 3·279
S_{45}	− 3·429	− 3·563	− 3·548
S_{50}	− 3·605	− 3·453	− 3·463
S_{55}	− 3·351	− 3·521	− 3·504

The division-errors of the Cape circle are therefore clearly small. A micrometer has been provided with a double object glass, similar to that used at Greenwich, for the determination of the errors of the single degrees after those for every 5° have been determined. In 1855 the use of this micrometer was not considered satisfactory; after trial I have come to the same conclusion and preferred to interpolate the corrections for the single degrees from a curve swept through ordinates representing the corrections for each fifth degree. In a hand-divided circle this would probably be a doubtful proceeding, but in a machine-divided circle the errors thus introduced must be confined within very small limits when the general division-errors are so small as those in the Cape circle. I hope, however, to have the opportunity of examining the single degrees without recourse to the double object glass micrometer.

The following Table contains the corrections to the mean reading of the circle for every degree of zenith distance, and has been used for the reduction of the observations made in the year 1875. It is based upon the mean results of the three independent determinations of the corrections for the five degree divisions.

Transit Circle.—Corrections to the Mean Reading of the Six Microscopes for Errors of Division for every Degree of South Zenith Distance.

Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.
°	″	°	″	°	″	°	″	°	″	°	″	°	″
0	1·71	21	1·10	42	1·72	63	1·66	84	1·14	105	1·40	126	1·53
1	1·71	22	1·10	43	1·57	64	1·62	85	1·14	106	1·37	127	1·47
2	1·68	23	1·12	44	1·48	65	1·56	86	1·22	107	1·33	128	1·44
3	1·66	24	1·14	45	1·40	66	1·53	87	1·26	108	1·30	129	1·37
4	1·62	25	1·14	46	1·37	67	1·47	88	1·34	109	1·28	130	1·34
5	1·56	26	1·22	47	1·33	68	1·44	89	1·44	110	1·27	131	1·27
6	1·53	27	1·26	48	1·30	69	1·37	90	1·55	111	1·28	132	1·22
7	1·47	28	1·34	49	1·28	70	1·34	91	1·70	112	1·30	133	1·16
8	1·44	29	1·44	50	1·27	71	1·27	92	1·80	113	1·35	134	1·13
9	1·37	30	1·55	51	1·28	72	1·22	93	1·92	114	1·42	135	1·09
10	1·34	31	1·70	52	1·30	73	1·16	94	1·94	115	1·53	136	1·06
11	1·27	32	1·80	53	1·35	74	1·13	95	1·98	116	1·60	137	1·05
12	1·22	33	1·92	54	1·42	75	1·09	96	1·99	117	1·66	138	1·06
13	1·16	34	1·94	55	1·53	76	1·06	97	1·98	118	1·70	139	1·07
14	1·13	35	1·98	56	1·60	77	1·05	98	1·98	119	1·71	140	1·09
15	1·09	36	1·99	57	1·66	78	1·06	99	1·97	120	1·71	141	1·10
16	1·06	37	1·98	58	1·70	79	1·07	100	1·92	121	1·71	142	1·10
17	1·05	38	1·98	59	1·71	80	1·09	101	1·88	122	1·68	143	1·12
18	1·06	39	1·97	60	1·71	81	1·10	102	1·72	123	1·66	144	1·14
19	1·07	40	1·92	61	1·71	82	1·10	103	1·57	124	1·62	145	1·14
20	1·09	41	1·88	62	1·68	83	1·12	104	1·48	125	1·56	146	1·22

Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.	Z.D. Pointer.	Correction.
°	″	°	″	°	″	°	″	°	″	°	″	°	″
147	1·26	178	1·70	209	1·44	240	1·71	271	1·70	302	1·68	333	1·92
148	1·34	179	1·71	210	1·55	241	1·71	272	1·80	303	1·66	334	1·94
149	1·44	180	1·71	211	1·70	242	1·68	273	1·92	304	1.62	335	1·98
150	1·55	181	1·71	212	1·80	243	1·66	274	1·94	305	1·56	336	1·99
151	1·70	182	1·68	213	1·92	244	1·62	275	1·98	306	1·53	337	1·98
152	1·80	183	1·66	214	1·94	245	1·56	276	1·99	307	1·47	338	1·98
153	1·92	184	1·62	215	1·98	246	1·53	277	1·98	308	1·44	339	1·97
154	1·94	185	1·56	216	1·99	247	1·47	278	1·98	309	1·37	340	1·92
155	1·98	186	1·53	217	1·98	248	1·44	279	1·97	310	1·34	341	1·88
156	1·99	187	1·47	218	1·98	249	1·37	280	1·92	311	1·27	342	1·72
157	1·98	188	1·44	219	1·97	250	1·34	281	1·88	312	1·22	343	1·57
158	1·98	189	1·37	220	1·92	251	1·27	282	1·72	313	1·16	344	1·48
159	1·97	190	1·34	221	1·88	252	1·22	283	1·57	314	1·13	345	1·40
160	1·92	191	1·27	222	1·72	253	1·16	284	1·48	315	1·09	346	1·37
161	1·88	192	1·22	223	1·57	254	1·13	285	1·40	316	1·06	347	1·33
162	1·72	193	1·16	224	1·48	255	1·09	286	1·37	317	1·05	348	1·30
163	1·57	194	1·13	225	1·40	256	1·06	287	1·33	318	1·06	349	1·28
164	1·48	195	1·09	226	1·37	257	1·05	288	1·30	319	1·07	350	1·27
165	1·40	196	1·06	227	1·33	258	1·06	289	1·28	320	1·09	351	1·28
166	1·37	197	1·05	228	1·30	259	1·07	290	1·27	321	1·10	352	1·30
167	1·33	198	1·06	229	1·28	260	1·09	291	1·28	322	1·10	353	1·35
168	1·30	199	1·07	230	1·27	261	1·10	292	1·30	323	1·12	354	1·42
169	1·28	200	1·09	231	1·28	262	1·10	293	1·35	324	1·14	355	1·53
170	1·27	201	1·10	232	1·30	263	1·12	294	1·42	325	1·14	356	1·60
171	1·28	202	1·10	233	1·35	264	1·14	295	1·53	326	1·22	357	1·66
172	1·30	203	1·12	234	1·42	265	1·14	296	1·60	327	1·26	358	1·70
173	1·35	204	1·14	235	1·53	266	1·22	297	1·66	328	1·34	359	1·71
174	1·42	205	1·14	236	1·60	267	1·26	298	1·70	329	1·44	0	1·71
175	1·53	206	1·22	237	1·66	268	1·34	299	1.71	330	1·55		
176	1·60	207	1·26	238	1·70	269	1·44	300	1·71	331	1·70		
177	1·66	208	1·34	239	1·71	270	1·55	301	1·71	332	1·80		

The mean run of the microscope-micrometers for 5′ of arc on the circle will be found in Table V. The correction for runs is rather large, but the results by the different observers are accordant, and the annual changes small. The runs are in general taken on each observing night, and used for the reduction of the observations made on that night.

The Astronomical flexure of the Transit-circle, as determined from observations of the opposite collimators on November 25, 28, and 29, was found to be + 0″·03 sin Z.D. No correction for flexure has been applied to the circle observations during the year 1875.

The Nadir-point determinations will be found in Table VI. The determinations of the reading for the Nadir-point made on several consecutive days are generally very accordant and compare, I venture to think, not

unfavourably with similar determinations made at the other principal Observatories. But the probable error of a single determination is less than the the changes which are occasionally found to take place after an interval of few days. I have, therefore, thought it better to use for the reductions the instrumental corrections determined by the observer on the night of observation, rather than to trust to mean results obtained by assuming the unchangeableness of the instrumental corrections over several days. Personal peculiarities in the observer's work should also in this way be much reduced. It may be mentioned that, since the commencement of our re-observation of Lacaille's zones in 1871, negative readings of the Circle-microscopes have been systematically avoided both in the direct observations and in the determinations of the corrections for runs. I noticed that some of the screws of the Circle-microscopes came under constraint when readings below 0^r of microscope A, in the present position of the microscopes and their combs, were made. The Assistants were, in consequence, instructed not to take readings on the negative side of microscope A, and such readings have since been but very seldom taken, and then only through inadvertency, and when the reading fell close to the zero. Our Nadir-point readings are never taken, for use, with readings of microscope A so low as 0^r and are usually taken near the middle of the range of the screws.

The following determinations of the reading for the Nadir-point may be interesting, as showing the kind of systematic errors which may exist in our work from the combined errors of microscope-screws, declination-screw and the assumed values of their revolutions.

1875, *November* 22.—*Nadir-point readings.*

OBSERVER.	READING OF A.	
	0^r	$2^r{\cdot}0$
	° ′ ″	″
E. J. S.	180 7 26·62	26·28
W. H. F.	26·55	26·37
G. H. M.	26·70	26·22
Mean ...	26·62	26·29

It appears from observations made in the present year, and carried systematically over the whole range of the screws, that the difference above indicated is real, but is about as large as the greatest difference obtained throughout the range of the screws employed in the observations. Errors, which I believe to have the same origin, existed when the screws were new, and are conspicuous in some determinations of the runs made about 1857 and 1858 when, occasionally, the starting-point for the run was taken some distance on the negative side of the zero. Such errors may, unless carefully guarded against, become of serious amount. Their source may, in my opinion, be indicated as follows:—The effective range of the screws in the Cape microscopes does not extend, at most, over more than six revolutions; for the last two threads certainly, and probably the last three, near the base of the screw are not so highly

finished as those threads near the middle range of the screw which, I suppose, were intended to be, and at all events which have been, most generally used. It requires, therefore, some care to adjust the microscopes so that the separate readings shall not differ greatly among themselves, and yet all the screws work sweetly over the run of a 5′ division on the circle. In all cases when the last two or three threads become engaged, the commencement of constraint can be felt and the readings at once begin to become defective. When the runs are determined from a starting-point at which some of the microscopes are under constraint while the readings at the other end are taken with microscopes free from constraint, the result must be that the error arising from constraint will be carried by the run-correction to its full extent and with the same sign into all readings made near the other end of the run: at intermediate points the errors will be smaller and will decrease with great rapidity until the state of constraint be passed, after which they will only depend on the erroneous correction for runs and will increase proportionately to the reading. It has been to escape the use of any of the microscopes whilst under constraint that negative readings have been avoided.

The inclination of the wire has been carefully examined from time to time, and the corrections for the inclination and curvature applied when the Stars have been observed off the Meridian.

In the reduction of the Circle Observations I have thought it right to adopt the Zenith-point corrections deduced from the observations with the reflecting eye-piece. I have been led to this course from the following considerations:—The probable errors of the determinations of the zenith-point readings with the reflecting eye-piece are much less than when determined by direct and reflected observations of Stars. The zenith-point reading with the reflecting eye-piece can be determined on every night, but no satisfactory determinations of it by reflection observations of Stars are possible on the windy nights which frequently prevail here during the summer months. No mere constant errors in the zenith-point readings (even if such existed) should affect injuriously the resulting North Polar Distances when a correction is introduced into the results to render the North Polar Distances determined above and below the pole equal to each other. Should any systematic discordance be found to exist between the zenith-point readings determined by the reflecting eye-piece and from direct and reflection observations of Stars, the introduction of the necessary corrections into the results would be greatly facilitated if the zenith-point readings had been adopted from the observations of the Nadir with the reflecting eye-piece rather than from observations of Stars at different zenith distances.

In the results of the present volume it will be understood that the zenith-point readings have been exclusively determined from observations with the reflecting eye-piece.

It may be useful to mention that a revolution of the declination and right ascension micrometers is equal to 28″·528 and 14″·268 respectively.

The refractions used are those of Bessel's Tabulæ Regiomontanæ down to 85° zenith distance. Below 85° zenith distance the mean refractions

are those of the Fundamenta multiplied by 1·003282. The whole of the refractions are therefore deduced with the mean refractions of the Fundamenta multiplied by 1·003282. The barometer used is the standard one of the Observatory. The thermometer is placed in a crib before a south window in the Transit-circle room.

The corrections to deduce the Mean North Polar Distances from the apparent North Polar Distances have been taken from the Nautical Almanac for all Stars contained in that work. The corrections for all other Stars contained in the Greenwich Catalogue for 1864 have been calculated with the Star-Constants given in that work. For all other Stars the corrections have been independently computed by the use of my Tables, Cape Observations, Appendix 1874.

No allowance has been made for proper motion for the fraction of the year except for the Nautical Almanac Stars.

To show the amount of the discordance which exists between the Zenith-point readings made with the reflecting eye-piece and direct and reflection observations of Stars, I have given in the following Tables the result of all the reflection observations made during the years 1874, 1875, and 1876. It will be seen that the discordance is small, and that its value in the different years varies more than its mean amount. I have not, therefore, thought it desirable to apply any correction whatever to the N.P.D.'s which result from the use of the zenith-point readings made with the reflecting eye-piece.

Zenith-Point Corrections found from Observations of Stars compared with the corresponding corrections found from Observations with the Nadir reflecting eye-piece.

STARS SOUTH OF ZENITH.

Date.	Star.	Z.P. Correction.		Diff. (Wire − ✱)	
		From ✱	From Reflecting Eye-piece.		
1874.		′ ″	′ ″	″	″
Nov. 6	γ Tucanæ	6 29·20	6 28·72	− 0·48	
9	α^2 Centauri	6 28·83	6 28·51	− 0·32	
10	β Centauri	6 29·10	6 28·48	− 0·62	
	α^2 Centauri	6 28·37	6 28·48		+ 0·11
12	μ Phœnicis	6 28·45	6 28·25	− 0·20	
17	α Eridani	6 28·63	6 28·61	− 0·02	
19	α Eridani	6 28·33	6 28·82		+ 0·49
27	B.A.C. 275	6 27·85	6 28·05		+ 0·20
30	α Eridani	6 29·03	6 28·11	− 0·92	
Dec. 4	α Eridani	6 28·05	6 27·81	− 0·24	
7	α Eridani	6 28·01	6 28·17		+ 0·16

Therefore Z.P. correction from reflecting eye-piece = corr. from South Stars − 0″·17.

STARS NORTH OF ZENITH.

Date.	Star.	Z.P. Correction. From ✱	Z.P. Correction. From Reflecting Eye-piece.	Diff. (Wire − ✱)	
1874.		′ ″	′ ″	″	″
Nov. 10	α Leonis	6 28·79	6 28·48	− 0·31	
12	β Piscium	6 26·40	6 28·25		+ 1·85
	27 Piscium	6 27·17	6 28·25		+ 1·08
16	27 Piscium	6 28·90	6 28·53	− 0·37	
	B.A.C. 257	6 28·54	6 28·53	− 0·01	
17	27 Piscium	6 28·35	6 28·61		+ 0·26
19	ι Piscium	6 27·03	6 28·82		+ 1·79
	ω Piscium	6 27·94	6 28·82		+ 0·88
27	B.A.C. 374	6 30·10	6 28·05	− 2·05	
28	67 Ceti	6 27·28	6 27·90		+ 0·62
30	✱ near ε Piscium	6 27·11	6 28·11		+ 1·00
Dec. 4	δ Piscium	6 27·60	6 27·81		+ 0·21
	ε Piscium	6 27·91	6 27·81	− 0·10	
7	67 Ceti	6 27·23	6 28·17		+ 0·94

Z.P. correction from reflecting eye-piece = corr. from North Stars + 0″·41.

STARS SOUTH OF ZENITH.

Date.	Star.	Z.P. Correction. From ✱	Z.P. Correction. From Reflecting Eye-piece.	Diff. (Wire − ✱)	
1875.		′ ″	′ ″	″	″
Oct. 6	α^2 Centauri	7 28·50	7 27·76	− 0·74	
27	α^2 Centauri	7 27·85	7 26·80	− 1·05	
	β Centauri	7 26·85	7 26·55	− 0·30	
28	α^2 Centauri	7 27·87	7 26·55	− 1·32	
	α^1 Centauri	7 27·88	7 26·55	− 1·33	
30	α^2 Centauri	7 26·75	7 26·82		+ 0·07
Nov. 1	α^2 Centauri	7 26·91	7 26·75	− 0·16	
3	α^2 Centauri	7 27·56	7 26·45	− 1·11	
	α^1 Centauri	7 27·66	7 26·45	− 1·21	
5	β Centauri	7 27·26	7 26·18	− 1·08	
9	α^2 Centauri	7 26·24	7 26·31		+ 0·07
	α^1 Centauri	7 27·08	7 26·31	− 0·77	
17	α^2 Centauri	7 26·58	7 25·92	− 0·66	

Z.P. correction from reflecting eye-piece = corr. from South Stars − 0″·74.

STARS NORTH OF ZENITH.

Date.	Star.	Z.P. Correction. From ✳	Z.P. Correction. From Reflecting Eye-piece.	Diff. (Wire − ✳)	
1875.		′ ″	′ ″	″	″
Oct. 12	B.A.C. 8365	7 27·51	7 27·32	− 0·19	
	B.A.C. 163	7 27·27	7 27·32		+ 0·05
27	η Aquarii	7 26·23	7 26·55		+ 0·32
28	α Ophiuchi	7 26·42	7 26·57		+ 0·15
Nov. 6	ι Piscium	7 26·77	7 26·28	− 0·49	
11	ι Piscium	7 26·41	7 26·17	− 0·24	
18	ι Piscium	7 26·12	7 26·42		+ 0·30

Z.P. correction from reflecting eye-piece = corr. from North Stars − 0″·01.

STARS SOUTH OF ZENITH.

Date.	Star.	Z.P. Correction. From ✳	Z.P. Correction. From Reflecting Eye-piece.	Diff. (Wire − ✳)	
1876.		′ ″	′ ″	″	″
April 11	α Crucis	6 33·03	6 33·38		+ 0·35
19	Lacaille 5589.....	6 33·43	6 33·73		+ 0·30
	α Eridani	6 34·06	6 33·00	− 1·06	
25	β Centauri.....	6 32·78	6 34·09		+ 1·31
May 31	κ Triang. Aust.....	6 30·61	6 30·30	− 0·31	
June 8	η Aræ.....	6 30·60	6 30·27	− 0·33	
10	B.A.C. 5636	6 31·54	6 29·73	− 1·81	
21	η Pavonis	6 30·71	6 29·31	− 1·40	
July 22	Lacaille 8079.....	6 26·74	6 26·75		+ 0·01
	Lacaille 8129.....	6 26·48	6 26·75		+ 0·27
Sept. 19	Lacaille 8062.....	6 41·21	6 41·31		+ 0·10
Nov. 9	Lacaille 9328.....	6 40·50	6 40·16	− 0·34	
21	Lacaille 9742.....	6 40·81	6 40·96		+ 0·15

Z.P. correction from reflecting eye-piece = corr. from South Stars − 0″·21.

STARS NORTH OF ZENITH.

Date.	Star.	Z.P. Correction.		Diff. (Wire − ✱)	
		From ✱	From Reflecting Eye-piece.		
1876.		′ ″	′ ″	″	″
April 19	*α* Tauri	6 33·56	6 33·73		+ 0·17
25	*ξ* Virginis	6 33·88	6 34·09		+ 0·21
June 12	B.A.C. 5796	6 30·48	6 29·75	− 0·73	
Nov. 1	*η* Aquarii	6 39·92	6 40·32		+ 0·40

Z.P. Correction from reflecting eye-piece = corr. from North Stars + 0″·01.

The latitude which has been adopted in the reduction of the observations made with the Transit-circle is

33° 56′ 3″·56 South.

This is the latitude which I obtained from a discussion of the observations made 1856—1861, the results of which are contained in the "Cape Catalogue of 1159 Stars for 1860." Very few observations available for the determination of the latitude were made in 1875. These observations give

33° 56′ 3″·03 South.

The latitude found from the observations made in 1874 was

33° 56′ 3″·41 South,

and that from the observations 1871—1873

33° 56′ 3″·05 South.

The agreement between these results is probably as close as could be expected considering that the observations available for the determination of the latitude in each year are not very numerous and that the Zenith distance of the pole at the Cape exceeds 56°.

The corrections required by Bessel's Refraction Tables to represent the mean refractions for the Cape Observatory, with the thermometer in its present position, are very small.

The assumed longitude of the Transit-circle is $1^h\ 13^m\ 55^s$ East of Greenwich. This determination, like all the other work of Henderson, appears to be a very close approximation to the truth.

It will be found that a half weight only has been assigned to a few of the observations in the Ledgers. These diminished weights are only assigned when the observer has expressed himself, for some reason or other, dissatisfied with the observation at the time of making it.

The observations during the year 1875 have been made by Messrs. Stone, Finlay, G. Maclear, C. Stevens, and I. Freeman. The observations made by these observers are distinguished by the letters S, F, M, C, and I.

Mr. Finlay has general charge of the Observatory in my absence He has observed regularly with the Transit-circle, and taken a leading part in the examination of the reductions.

Mr. Maclear, besides taking an active part in the meridian observing, has had general charge of the Time-ball arrangements.

I have not generally, unless during the illness or absence from other causes of some of the assistants, observed regularly with the Transit-circle, but I have made it a rule to observe occasionally to test the adjustments of the instrument.

The insertion of wires, all delicate adjustments, and determination of instrumental constants have been considered a part of my duty. I am alone answerable for the direction of the work and for the accuracy of the published results.

E. J. STONE.

1877, November 29.

ROYAL OBSERVATORY,
CAPE OF GOOD HOPE.

TABLES

OF

INSTRUMENTAL CORRECTIONS,

1875.

TABLE I.

Adopted Collimation Errors of the Transit-circle during the Year 1875.

Day.	Error of Collimation.	Day.	Error of Collimation.
1875.	s	1875.	s
Jan. 11 — Feb. 2	— 0·077	June 11 — June 29	— 0·040
*Feb. 3 — Feb. 11	0·047	June 30 — July 21	0·051
Feb. 12 — Feb. 14	0 075	July 22 — Aug. 11	0·035
Feb. 15 — Feb. 18	0·102	Aug. 12 — Sept. 3	0·042
Feb. 19 — Mar. 1	0·087	Sept. 4 — Sept. 22	0·045
Mar. 2 — Mar. 9	0·102	Sept. 23 — Oct. 10	0·058
Mar. 10 — April 4	0·087	Oct. 11 — Oct. 31	0·059
April 5 — April 20	0·073	Nov. 1 — Nov. 21	0·083
April 21 — April 30	0·071	Nov. 22 — Dec. 3	0·094
May 1 — May 27	0·066	Dec. 4 — Dec. 12	0·056
May 28 — June 10	— 0·057	Dec. 13 — Dec. 31	— 0·099

* The instrument was struck by the handle of the clamp on February 2.

The Collimation-micrometer was set at 30r. 900 for all the Observations made during the year 1875.

TABLE II.

Level and Azimuthal Errors of the Transit-circle, 1875.

Day.		Observer.	Level Error. Observed.	Level Error. Adopted.	Adopted Azimuthal Error.
			s	s	s
January	11	C	+2·017	+2·017	+0·973
	12	M	2·033	2·033	1·007
	13			2·026	1·117
	14	F	2·018	2·018	1·063
	15	C	2·033	2·033	1·120
	16	M	2·032	2·032	1·077
	19	F	1·997	1·997	1·188
	20	C	2·004	2·004	1·231
	21	M	1·981	1·981	1·136
	22	F	1·998	1·998	1·171
	23	C	2·000	2·000	1·208
	25	M	·971	1·971	1·139
	26	I	1·962	1·962	1·259
	27	F	1·961	1·961	1·197
	29	M	1·903	1·903	1·335
	30	F	1·925	1·925	1·259
February	1	I	1·882	1·882	1·242
	2	C	1·891	1·891	1·250
	3	M	1·871	1·871	1·268
	4	F	1·865	1·865	1·295
	5	I	1·864	1·864	1·397
	6	M	1·844	1·844	1·335
	8	M	1·843	1·843	1·413
	9	F	1·849	1·849	1·429
	10	I	1·839	1·839	1·473
	11	M	1·821	1·821	1·462
	12	C	1·819	1·819	1·366
	13	F	1·820	1·820	1·427
	15	I	1·759	1·759	1·405
	16	M	1·756	1·756	1·335
	17	C	1·767	1·767	1·475
	18	M	1·754	1·754	1·459
	20	M	1·728	1·728	1·470
	23	M	1·709	1·709	1·323
	24	M	+1·699	+1·699	+1·323
February	25	I	+1·684	+1·684	+1·355
	26	F	1·685	1·685	1·357
	27	M	1·651	1·651	1·292
	28	F	1·634	1·634	1·353
March	1	I	1·629	1·629	1·350
	2	M	1·598	1·598	1·291
	3	F	1·613	1·613	1·373
	4	I	1·613	1·613	1·322
	5	M	1·615	1·615	1·270
	8	M	1·592	1·592	1·307
	10	I	1·582	1·582	1·261
	11	M	1·541	1·541	1·410
	12	F	1·522	1·522	1·347
	13	C	1·504	1·504	1·287
	15	M	1·488	1·488	1·333
	16	I	1·480	1·480	1·290
	17	F	1·469	1·466	1·325
	19	C	1·453	1·453	1·334
	20	F	1·453	1·453	1·339
	23	F	1·434	1·434	1·297
	24	M	1·427	1·427	1·308
	25	I	1·416	1·416	1·285
	27	C	1·396	1·396	1·266
	29	F	1·392	1·392	1·266
	30	M	1·396	1·396	1·156
	31			1·396	1·156
April	2	M	1·342	1·342	1·187
	3	F	1·306	1·306	1·114
	4	F	1·297	1·297	1·091
	5	C	1·261	1·261	1·135
	5	M	1·242	1·242	1·143
	7	M	1·210	1·210	1·046
	8	F	1·210	1·210	1·081
	9	C	+1·189	+1·189	+1·010

TABLE II.—*Continued.*

Level amd Azimuthal Errors of the Transit-circle, 1875.

Day.	Observer.	Level Error. Observed.	Level Error. Adopted.	Adopted Azimuthal Error.
		s	s	s
April 10	M	+1·186	+1·186	+1·075
11	F	1·202	1·202	1·015
12	I	1·203	1·203	1·094
14	C	1·167	1·167	1·121
15	F	1·165	1·165	0·985
16	I	1·139	1·139	1·029
17	M	1·130	1·130	1·105
18	C	1·114	1·114	1·043
19	F	1·105	1·105	1·034
20	M	1·100	1·100	1·026
21	C	1·115	1·115	1·012
22	I	1·105	1·105	0·934
23	M	1·085	1·085	0·946
24	C	1·081	1·081	1·013
25	F	1·067	1·067	0·845
26	I	1·037	1·037	0·845
29	C	1·013	1·013	1·001
30	I	1·006	1·006	1·000
May 5	M	0·941	0·941	0·816
6	F	0·928	0·928	0·793
7	I	0·913	0·913	0·965
8	C	0·902	0·902	0·849
9	M	0·869	0·869	0·830
10	C	0·794	0·794	0·770
11	M	0·720	0·720	0·711
12	I	0·703	0·703	0·711
13	C	0·750	0·750	0·808
14	F	0·745	0·745	0·845
15	M	0·759	0·759	0·797
16	F	0·770	0·770	0·786
17	I	0·753	0·753	0·819
18	M	0·752	0·752	0·843
19	C	0·752	0·752	0·808
20	I	0·753	0·753	0·831
22	F	+0·750	+0·750	+0·820
May 23	C	+0·730	+0·730	+0·811
24	M	0·730	0·730	0·789
29	C	0·721	0·721	0·704
30	F	0·714	0·714	0·736
31	I	0·702	0·702	0·661
June 1	M	0·696	0·696	0·717
5	M	0·675	0·675	0·634
6	F	0·650	0·650	0·634
7	C	0·633	0·633	0·591
8	M	0·631	0·631	0·606
9	F	0·630	0·630	0·540
10	C	0·632	0·632	0·598
11	I	0·650	0·650	0·526
14	I	0·625	0·625	0·594
14	M	0·614		
15	F	0·614	0·614	0·644
16	M	0·598	0·598	0·639
17	C	0·596	0·596	0·539
18	I	0·576	0·576	0·502
21	C	0·568	0·568	0·464
24	C	0·751	0·751	0·557
24	C	0·782		
25	F	0·836	0·836	0·571
26	M	0·863	0·863	0·667
28	M	0·906	0·906	0·635
29	C	0·907	0·907	0·566
30	F	0·934	0·934	0·730
July 1	M	0·935	0·935	0·730
2	I	0·960	0·960	0·748
3	C	0·966	0·966	0·724
5	F	1·006	1·006	0·720
6	M	1·031	1·031	0·781
7	C	1·033	1·033	0·725
8	I	+1·072	+1·072	+0·725

TABLE II.– *Continued.*

Level and Azimuthal Errors of the Transit-circle, 1875.

Day.		Observer.	Level Error.		Adopted Azimuthal Error.	Day.		Observer.	Level Error.		Adopted Azimuthal Error.
			Observed.	Adopted.					Observed.	Adopted.	
			s	s	s				s	s	s
July	10	M	+1·132	+1·132	+0·727	September	1	M	+1·365	+1·365	+0·687
	15	I	1·160	1·160	0·749		2	I	1·378	1 378	0·672
	16	F	1·149	1·149	0·735		3	F	1·397	1·397	0·623
	17	C	1·135	1·135	0·665		6	M	1·405	1·405	0·624
	19	F	1·102	1·102	0·777		8	F	1·402	1·402	0·641
	20	C	1·105	1·105	0·695		9	M	1·394	1·394	0·609
	21	M	1·094	1·094	0·695		10	I	1·399	1·399	0·664
	22	I	1·111	1·111	0·632		15	M	1·423	1·423	0 696
	23	C	1·117	1·117	0·667		16	F	1·434	1·434	0·598
	24	M	1·126	1·126	0·608		17	M	1·409	1·409	0·599
	25	F	1·119	1·119	0·608		18	F	1·421	1·421	0·655
	26	I	1·134	1·134	0·769		22	M	1·437	1·437	0·644
	27	M	1·127	1·127	0·716		23	F	1·434	1·434	0·653
	28	C	1·127	1·127	0·699		24	I	1·434	1·434	0·678
	29	I	1·130	1·130	0·739		25	M	1·428	1·428	0·679
	30	M	1·123	1·123	0·767		28	M	1·453	1·453	0·698
	31	F	1·150	1·150	0·732		29	F	1·491	1·491	0·681
August	2	I	1·143	1·143	0·722	October	1	M	1·513	1·513	0·696
	3	M	1·153	1·153	0·698		2	F	1·530	1·530	0·702
	9	I	1·189	1·189	0·764		4	I	1·579	1·579	0·748
	10	M	1·167	1·167	0·674		5	F	1·600	1·600	0·697
	11	F	1·172	1·172	0·676		6	M	1·620		
	12	I	1·160	1·160	0·589		8	F	1·668	1·668	0·682
	13	M	1·156	1·156	0·661		11	I	1·628	1·628	0·703
	14	F	1·171	1·171	0·603		12	M	1·591	1·591	0·723
	16	I	1·179	1·179	0·707		13	F	1·610	1·610	0·666
	17	M	1·170	1·170	0·639		14	I	1·590	1·590	0·652
	18	F	1·193	1·193	0·712		15	M	1·596	1·596	0·719
	23	I	1·317	1·317	0·620		18	I	1·607	1·607	0·637
	24	M	1·296	1·296	0·648		19	M	1·605	1·605	0·649
	25	F	1·319	1·319	0·648		20	M	1·620	1·620	0·697
	26	I	1·325	1·325	0·649		21	I	1·633	1·633	0·670
	28	F	1·341	1·341	0·622		23	M	1·650	1·650	0·617
	30	I	1·362	1·362	0·679		25	I	1·643	1·643	0·699
	31	F	+1·380	+1·380	+0·676		26	M	+1·636	+1·636	+0·699

TABLE II.—*Continued.*

Level and Azimuthal Errors of the Transit-circle, 1875.

Day.	Observer.	Level Error. Observed.	Level Error. Adopted.	Adopted Azimuthal Error.	Day.	Observer.	Level Error. Observed.	Level Error. Adopted.	Adopted Azimuthal Error.
		s	s	s			s	s	s
October 27	F	+1·654	+1·654	+0·651	December 2	M	+1·833	+1·833	+0·672
28	I	1·642	1·642	0·659	3	I	1·805	1·805	0·762
29	M	1·642	1·642	0·660	4	M	1·796	1·796	0·762
30	F	1·662	1·662	0·681	6	S	1·839	1·839	0·762
					7	M	1·820		
November 1	I	1·648	1·648	0·802	8	M	1·857	1·857	0·879
2	M	1·656	1·656	0·668	9	S	1·915	1·915	0·829
3	F	1·681	1·681	0·665	10	I	1·848	1·848	0·778
4	I	1·687	1·687	0·665	11	M	1·855	1·855	0·825
5	F	1·723	1·723	0·751	13	M	1·811	1·811	0·842
6	M	1·712	1·712	0·676	14	S	1·878	1·878	0·983
8	F	1·753	1·753	0·622	14	M	1·812		
9	I	1·730	1·730	0·594	14	S	1·858		
10	M	1·732	1·732	0·690	14	I	1·831		
11	F	1·727	1·727	0·621	14	M	1·827		
15	F	1·784	1·784	0·685	16	M	1·817	1·817	0·945
16	M	1·776	1·776	0·698	17	I	1·814	1·814	0·879
17	I	1·749	1·749	0·696	18	S	1·839	1·839	0·894
17	M	1·763			20	M	1·788	1·788	1·046
18	F	1·769	1·769	0·702	21	F	1·795	1·795	0·949
20	C	1·784	1·784	0·734	22	I	1·782	1·782	1·015
22	M	1·797	1·797	0·747	24	F	1·816	1·816	0·891
23	M	1·825	1·825	0·803	25	M	1·833	1·833	0·950
24	I	1·811	1·811	0·823	26			1·833	0·900
26	M	1·781	1·781	0·717	27	M	1·821	1·821	0·911
27			1·781	0·830	28	F	1·861	1·861	0·889
29	I	1·808	1·808	0·732	30	M	1·847	1·847	0·900
30	M	+1·807	+1·807	+0·682	31	F	+1·851	+1·851	+0·913

TABLE III.

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.		Observer.	Error of Azimuth.	How determined.
1875			s	
January	11	C	+ 0·973	σ Octantis S.P. and μ Geminorum.
	12	M	1·007	σ Octantis S.P. and ν Orionis.
	13	S	1·117	σ Octantis S.P. and α Orionis.
	14	F	1·063	σ Octantis S.P. and α Orionis.
	15	C	1·120	σ Octantis S.P. and μ Geminorum.
	16	M	1·077	σ Octantis S.P. and γ Geminorum.
	19	F	1·188	σ Octantis S.P. and α Orionis.
	20	C	1·231	σ Octantis S.P. and μ Geminorum.
	21	M	1·136	σ Octantis S.P. and γ Geminorum.
	22	F	1·171	σ Octantis S.P. and ν Orionis.
	23	C	1·208	σ Octantis S.P. and μ Geminorum.
	25	M	1·139	A Octantis and η Cancri.
	26	I	1·352	A Octantis and ϵ Hydræ.
	27	F	1·197	A Octantis and 6 Cancri.
	29	M	1·335	σ Octantis S.P. and γ Geminorum.
	29	M	1·228	A Octantis and η Cancri.
	30	F	1·259	A Octantis and 6 Cancri.
February	1	I	1·109	σ Octantis S.P. and ϵ Canis Majoris.
	1	I	1·307	A Octantis and α Canis Minoris.
	2	C	1·250	σ Octantis S.P. and μ Geminorum.
	2	C	1·147	A Octantis and 6 Cancri.
	3	M	1·268	A Octantis and η Cancri.
	4	F	1·295	σ Octantis S.P. and ν Orionis.
	5	I	1·284	σ Octantis S.P. and ν Orionis.
	5	I	1·443	A Octantis and η Cancri.
	6	M	1·335	A Octantis and η Cancri.
	8	M	1·413	σ Octantis S.P. and μ Geminorum.
	9	F	1·429	σ Octantis S.P. and α Orionis.
	10	I	1·274	σ Octantis S.P. and ν Orionis.
	10	I	1·605	A Octantis and η Cancri.
	11	M	1·462	σ Octantis S.P. and γ Geminorum.
	11	M	1·329	A Octantis and η Cancri.
	12	C	1·366	A Octantis and η Cancri.
	13	F	+ 1·427	σ Octantis S.P. and α Orionis.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.	Observer.	Error of Azimuth.	How determined.
1875		s	
February 15	I	+ 1·405	A Octantis and η Cancri.
16	M	1·335	σ Octantis S.P. and μ Geminorum.
	M	1·436	A Octantis and η Cancri.
17	C	1·475	σ Octantis S.P. and μ Geminorum.
	C	1·437	A Octantis and γ Cancri.
18	M	1·343	σ Octantis S.P. and α Orionis.
	M	1·459	A Octantis and η Cancri.
20	M	1·470	σ Octantis S.P. and μ Geminorum.
	M	1·455	A Octantis and η Cancri.
24	M	1·263	β Hydri and β Ceti.
24	M	1·382	A Octantis and ν Orionis.
25	I	1·355	σ Octantis S.P. and γ Geminorum.
	I	1·410	A Octantis and η Cancri.
26	F	1·357	A Octantis and η Cancri.
27	M	1·292	A Octantis and ε Hydræ.
28	F	1 353	σ Octantis S.P.and α Orionis
March 1	I	1·350	A Octantis and η Cancri.
2	M	1·291	A Octantis and η Cancri.
3	F	1·373	σ Octantis S.P. and α Orionis.
5	M	1·270	σ Octantis S.P. and α Orionis.
	M	1·303	A Octantis and η Cancri.
8	M	1·307	σ Octantis S.P. and γ Geminorum.
10	I	1·261	A Octantis and η Cancri.
11	M	1·410	σ Octantis S.P.and λ Geminorum.
12	F	1·347	σ Octantis S.P. and ν Orionis.
13	C	1·287	σ Octantis S.P. and α Orionis.
15	M	1·333	σ Octantis S.P. and α Orionis.
	M	1·289	Meridian Mark.
16	I	1·290	σ Octantis S.P. and γ Geminorum.
17	F	+ 1·325	σ Octantis S.P. and γ Geminorum.

February 15.—On and after this date Mr. Freeman's determinations of Azimuthal error are used unaltered.

February 18.—σ Octantis S.P. observed over two wires only.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.	Observer.	Error of Azimuth.	How determined.
1875.		s	
March 19	C	+ 1·334	σ Octantis S.P. and γ Geminorum.
20	F	1·339	σ Octantis S.P. and γ Geminorum.
23	F	1·297	σ Octantis S.P. and δ Geminorum.
24	M	1·153	β Hydri and β Ceti.
	M	1·308	σ Octantis S.P. and ν Orionis.
25	I	1·285	Lacaille 3274 and ϵ Hydræ.
	I	1·103	β Hydri S.P. and ϵ Corvi.
27	C	1·266	σ Octantis S.P. and γ Geminorum.
29	F	1·266	Lacaille 3274 and η Cancri.
30	M	1·156	σ Octantis S.P. and γ Geminorum.
	M	1·298	Two Consecutive Transits of β Hydri.
April 1	M	1·084	β Hydri and α Piscis Australis.
2	M	1·187	Brisbane 4091 and θ Virginis.
2–3	F	1·114	Two Consecutive Transits of β Hydri.
4	F	1·091	Lacaille 3759 and κ Cancri.
5	C	1·128	* Preceding Lacaille 4169 and α Leonis.
	C	1·076	Lacaille 4169 and α Leonis.
	C	1·130	β Hydri S.P.and ϵ Corvi.
	C	1·135	Brisbane 4091 and 35 Virginis.
	M	1·143	σ Octantis and μ Sagittarii.
6–7	M	1·123	Two Consecutive Transits of β Hydri.
7	M	1·046	Brisbane 4091 and α Virginis.
7–8	M, F	1·131	Two Consecutive Transits of β Hydri.
8	F	1·025	β Hydri and 6 Cancri.
	F	1·081	Brisbane 4091 and α Virginis.
9	C	1·010	ζ Octantis and α Hydræ.
10	M	1·075	ζ Octantis and α Hydræ.
11	F	1·015	ζ Octantis and α Hydræ.
11–12	I	1·094	Two Consecutive Transits of β Hydri.
13–14	C	1·121	Two Consecutive Transits of β Hydri.
14–15	F	0·985	Two Consecutive Transits of β Hydri.
15–16	I	1·029	Two Consecutive Transits of β Hydri.
16	M	1·016	Meridian Mark.
16–17	M	1·105	Two Consecutive Transits of β Hydri.
18	C	+ 1·043	A Octantis and β Cancri.

TABLE III.—*Continued.*

...inations of the Azimuthal Errors of the Transit-circle, made in 1875.

Error of Azimuth.	How determined.
s	
+ 0·843	τ Octantis S.P. and δ Crateris.
0·730	C Octantis S.P. and γ^1 Leonis.
0·886	τ Octantis S.P. and τ Leonis.
0·831	τ Octantis S.P. and β Leonis.
0·820	Lacaille 5268 and θ Virginis.
(0·969)	C Octantis S.P. and π Leonis.
0·789	τ Octantis S.P. and δ Crateris.
0·779	Meridian Mark.
0·704	τ Octantis S.P. and υ Leonis.
0·736	τ Octantis S.P. and χ Leonis.
0·661	τ Octantis S.P. and υ Leonis.
0·717	τ Octantis S.P. and χ Leonis.
0·596	τ Octantis S.P. and δ Crateris.
0·674	τ Octantis and κ Piscium.
0·633	τ Octantis S.P. and χ Leonis.
0·654	β Hydri S.P. and η Virginis.
0·591	Lacaille 6441 and α Scorpii.
0·606	τ Octantis S.P. and υ Leonis.
0·540	τ Octantis S.P. and χ Leonis.
0·598	τ Octantis S.P. and υ Leonis.
0·526	τ Octantis S.P. and χ Leonis.
0·485	Meridian Mark.
0·594	Brisbane 3962 and β Corvi.
0·644	β Hydri S.P. and ε Corvi.
0·600	τ Octantis and κ Piscium.
0·617	τ Octantis S.P. and χ Leonis.
0·631	o Octantis S.P. and η Virginis.
0·447	β Hydri and 12 Ceti.
0·430	Meridian Mark.
0·464	β Hydri S.P. and η Boötis.
0·522	Meridian Mark.
0·557	Lacaille 5325 and α Virginis.

...rough clouds.
... of α Octantis.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.		Observer.	Error of Azimuth.	How determined.
1875.			s	
June	24	M	+ 0·643	Meridian Mark.
	25	F	0·630	Lacaille 5325 and β Leonis.
		C	0·512	o Octantis and β Ceti.
	26	M	0·667	σ Octantis and η Serpentis.
	28	M	0·635	σ Octantis and η Serpentis.
	29	C	0·527	Z Octantis and α Virginis.
		C	0·566	σ Octantis and η Serpentis.
	30	F	0·792	β Hydri S.P. and α Virginis.
		F	0·641	β Hydri and 12 Ceti.
July	1	M	0·756	β Hydri S.P. and β Corvi.
		M	0·545	σ Octantis and μ Sagittarii.
	2	I	0·748	σ Octantis and ζ Aquilæ.
	3	C	0·724	σ Octantis and η Serpentis.
	5	F	0·656	Z Octantis and α Virginis.
	6	M	0·781	σ Octantis and μ Sagittarii.
	7	C	0·634	Brisbane 4614 and η Boötis.
		C	0·770	Z Octantis and η Boötis.
	8	M	0·728	Meridian Mark.
	10	M	0·727	σ Octantis and μ Sagittarii.
	15	I	0·696	Z Octantis and α Boötis.
		I	0·801	Z Octantis S.P. and 67 Ceti.
	16	F	0·694	Z Octantis and ξ^2 Libræ.
		M	0·776	Z Octantis S.P. and α Arietis.
	17	C	0·642	Z Octantis and f Boötis.
		F	0·688	Z Octantis S.P. and 67 Ceti.
	19	F	0·677	Z Octantis and α^2 Libræ.
		M	0·877	Z Octantis S.P. and γ^2 Ceti.
	20	C	0·645	Z Octantis and ι^1 Libræ.
		F	0·759	Z Octantis S.P. and ξ^2 Ceti.
	21	M	o 681	Z Octantis and α^2 Libræ.
	22	I	0·632	σ Octantis and ω Aquilæ.
	23	C	0·671	Z Octantis and α Coronæ Borealis.
		F	o 663	Z Octantis S.P. and ξ^2 Ceti.
	24	M	0·665	Z Octantis and α Libræ.
		M	+ 0·556	Z Octantis S.P. and γ^2 Ceti.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.	Observer.	Error of Azimuth.	How determined.
1875.		s	
July 25	F	+ 0·604	Z Octantis and ξ^3 Libræ.
	C	0·773	Z Octantis S.P. and γ^3 Ceti.
26	I	0·764	Z Octantis and α Boötis.
27	M	0·716	Z Octantis and f Boötis.
	M	0·898	Z Octantis S.P. and γ^3 Ceti.
28	F	0·672	Z Octantis and α^2 Libræ.
	C	0·793	σ Octantis and β Libræ.
	F	0·725	Z Octantis S.P. and ξ^2 Ceti.
29	M	0·721	Z Octantis and α^2 Libræ.
	I	0·756	Z Octantis S.P. and α Ceti.
30	M	0·706	Z Octantis and α^2 Libræ.
	M	0·828	Z Octantis S.P. and γ^3 Ceti.
31	F	0·760	Z Octantis and ϵ^2 Boötis.
	M	0·704	Z Octantis S.P. and γ^3 Ceti.
August 2	I	0·722	σ Octantis and α Ophiuchi.
3	M	0·698	Z Octantis and α^2 Libræ.
	M	0·703	Meridian Mark.
4	M	0·680	Meridian Mark.
9	I	0·764	σ Octantis and δ Aquilæ.
10	M	0·674	σ Octantis and β Lyræ.
11	F	0·676	Lacaille 7078 and α Ophiuchi.
12	I	0·589	σ Octantis and α Ophiuchi.
13	M	0·661	σ Octantis and β Lyræ.
14	F	0·603	Lacaille 7078 and α Ophiuchi.
16	I	0·707	σ Octantis and o^1 Eridani.
17	M	0·639	σ Octantis and λ Sagittarii.
18	F	0·712	σ Octantis and ω Aquilæ.
	M	0·655	Meridian Mark.
23	I	0·620	σ Octantis and ω Aquilæ.
24	M	0·648	B Octantis and 32 Vulpeculæ.
26	I	0·649	σ Octantis and α Aquilæ.
28	F	0·622	σ Octantis and β Lyræ.
30	F	0·659	σ Octantis and μ Sagittarii.
	I	0·699	σ Octantis and ω Aquilæ.
31	F	+ 0·676	σ Octantis and η Herculis.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.	Observer.	Error of Azimuth.	How determined.
1875.		s	
September 1	M	+ 0·687	σ Octantis and μ Sagittarii.
2	I	0·672	σ Octantis and δ Aquilæ.
3	F	0·623	σ Octantis and μ Sagittarii.
6	M	0·624	σ Octantis and μ Sagittarii.
	M	0·612	Meridian Mark.
8	F	0·641	σ Octantis and β Aquilæ.
9	M	0·609	σ Octantis and μ Sagittarii.
10	I	0·664	σ Octantis and ζ Aquilæ.
11	F	0·648	σ Octantis and μ Sagittarii.
15	M	0·696	σ Octantis and μ Sagittarii.
16	F	0·598	✱ N.P.D. 176° 9′ and ρ Capricorni.
	M	0·579	Meridian Mark.
17	M	0·599	σ Octantis and μ Sagittarii.
18	F	0·655	τ Octantis and κ Piscium.
22	M	0·644	σ Octantis and α Lyræ.
23	F	0·653	A Octantis S.P. and ρ Capricorni.
24	I	0·678	A Octantis S.P. and ε Pegasi.
25	M	0·677	σ Octantis and α Lyræ.
	M	0·680	σ Octantis S.P. and ε Canis Majoris.
28	M	0·698	B Octantis and β Aquarii.
29	F	0·681	τ Octantis and ι Piscium.
October 1	M	0·696	B Octantis and ε Pegasi.
2	F	0·702	Lacaille 8474 and ε Aquarii.
4	I	0·748	Lacaille 8474 and β Aquarii.
5	F	0·697	C Octantis and σ Aquarii.
8	F	0·682	B Octantis and γ Aquilæ.
11	I	0·703	Lacaille 8474 and β Aquarii.
12	M	0·723	B Octantis and β Aquarii.
13	F	0·666	C Octantis and α Aquarii.
14	I	0·652	C Octantis and α Aquarii.
15	M	0·693	τ Octantis and κ Piscium.
	M	0·744	o Octantis and ω Piscium.
18	I	0·637	C Octantis and α Aquarii.
19	M	0·649	C Octantis and α Aquarii.
20	M	+ 0·697	C Octantis and α Aquarii.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.	Observer.	Error of Azimuth.	How determined.
1875.		s	
October 21	I	+ 0·670	C Octantis and ε Pegasi.
23	M	0·617	C Octantis and γ Aquarii.
25	I	0·699	C Octantis and η Aquarii.
27	F	0·651	C Octantis and ε Piscium.
28	I	0·659	C Octantis and α Aquarii.
29	M	0·660	C Octantis and η Aquarii.
30	F	0·681	C Octantis and α Aquarii.
November 1	I	0·802	C Octantis and η Aquarii.
2	M	0·668	C Octantis and η Aquarii.
3	F	0·665	C Octantis and α Piscis Australis.
4	I	0·755	C Octantis and η Aquarii.
	I, M	0·564	Two Consecutive Transits of β Hydri.
5	F, M	0·751	Two Consecutive Transits of β Hydri.
6	M	0·676	C Octantis and η Aquarii.
8	F	0·622	β Hydri and δ Sculptoris.
9	I	0·651	C Octantis and η Aquarii.
	I, M	0·565	Two Consecutive Transits of β Hydri.
10	M	0·690	C Octantis and α Piscis Australis.
11	F	0·621	β Hydri and ε Piscium.
15	F	0·685	τ Octantis and δ Sculptoris.
16	M	0·698	τ Octantis and α Pegasi.
17	I	0·696	τ Octantis and α Piscis Australis.
18	F	0·702	τ Octantis and α Pegasi.
20	C	0·734	τ Octantis and α Piscis Australis.
22	M	0·747	τ Octantis and γ Piscium.
23	F	0·803	Z Octantis S.P. and α Ceti.
24	I	0·823	o Octantis and ω Piscium.
26	M	0·717	o Octantis and ε Andromedæ.
27	F	0·830	Z Octantis S.P. and ε Eridani.
29	I	0·732	o Octantis and β Ceti.
30	M	0·682	o Octantis and ε Andromedæ.
December 2	M	0·672	Z Octantis S.P. and 67 Ceti.
3	I	0·762	o Octantis and β Ceti.
4	M	+ 0·762	Z Octantis S.P. and σ Arietis.

TABLE III.—*Continued.*

Separate Determinations of the Azimuthal Errors of the Transit-circle, made in 1875.

Date of Observation.	Observer.	Error of Azimuth.	How determined.
1875.		s	
December 8	M	+ 0·879	Z Octantis S.P. and 67 Ceti.
10	I	0·778	Z Octantis S P. and 67 Ceti.
11	M	0·825	Z Octantis S.P. and α Ceti.
13	M	0·842	Z Octantis S.P. and ξ^2 Ceti.
14	S	0·983	Z Octantis S.P. and η Tauri.
16	M	0·945	Z Octantis S.P. and ξ^2 Ceti.
17	I	0·879	Z Octantis S.P. and 67 Ceti.
18	S	0·894	Lacaille 1848 and γ Tauri.
20	M	1·046	Z Octantis S.P. and ξ^2 Ceti.
21	F	0·949	Lacaille 2296 and ν Orionis.
22	I	1·015	Z Octantis S.P. and 67 Ceti.
24	F	0·891	Lacaille 1839 and α Tauri.
25	M	0·950	Z Octantis S.P. and α Ceti.
26	M	0·916	Z Octantis S.P. and γ^2 Ceti.
	C	0·883	σ Octantis S.P. and ν Orionis.
27	M	0·911	Z Octantis S.P. and ξ^2 Ceti.
28	F	0 889	Z Octantis S.P. and ξ^2 Ceti.
30	M	0·900	Z Octantis S.P. and ξ^2 Ceti.
31	F	+ 0·913	Z Octantis S.P. and ξ^2 Ceti.

TABLE IV.

Adopted Rates of the Transit-clock during the Year 1875.

Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.
	s		s		s		s
Jan. 2	1·13	Feb. 3	1·20	March 11	1·48	April 14	1·39
3	1·10	4	1·17	12	1·86	15	1·69
4	1·19	5	1·17	13	1·80	16	1·82
5	1·07	6	1·17	14	1·49	17	1·63
6	1·05	8	1·15	15	1·45	18	1·36
7	1·22	9	1·46	16	1·51	19	1·33
8	1·23	10	1·55	17	1·47	20	1·37
10	1·51	11	1·26	18	1·42	21	1·34
11	1·23	12	1·29	19	1·42	22	1·39
12	1·26	13	1·29	20	1·44	23	1·45
13	1·36	15	1·24	21	1·46	24	1·61
14	1·22	16	1·36	22	1·40	25	1·56
15	1·16	17	1·25	23	1·26	26	1·56
16	1·11	18	1·18	24	1·29	27	1·72
17	1·09	20	1·34	25	1·46	28	1·55
18	0·95	21	1·34	27	1·51	29	1·56
19	1·07	23	1·34	29	1·48	30	1·59
20	1·04	24	1·23	30	1·40		
21	0·93	25	1·26	31	1·32	May 1	1·57
22	1·20	26	1·37			4	1·44
23	1·14	27	1·34	April 2	1·23	5	1·44
24	1·05	28	1·29	3	1·39	6	1·78
25	1·24			4	1·79	7	1·81
26	1·36	March 1	1·30	5	2·18	8	1·88
27	1·30	2	1·32	6	2·02	9	1·71
28	1·18	3	1·30	7	1·74	10	1·55
29	1·12	4	1·34	8	1·68	11	1·83
30	1·13	5	1·36	9	1·60	13	2·68
31	1·19	6	1·28	10	1·66	14	2·32
		7	1·41	11	1·60	15	2·20
Feb. 1	1·40	8	1·49	12	1·40	16	2·20
2	1·45	10	1·44,	13	1·30	17	2·37

May 11 and 12 —Carpenters were at work in the Transit-Circle Room.

TABLE IV.—*Continued.*

Adopted Rates of the Transit-clock during the Year 1875.

Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.
	s		s		s		s
May 18	2·26	June 28	2·16	Aug. 2	1·51	Sept. 15	1·26
19	2·26	29	1·73	3	1·63	16	1·21
20	2·25	30	1·44	5	1·55	17	1·18
22	2·00			8	1·33	18	2·10
23	1·83	July 1	1·35	9	1·27	22	2·35
24	1·86	2	1·39	10	1·22	23	2·52
25	1·81	3	1·39	11	1·18	24	2·52
29	1·51	5	1·39	12	1·29	25	2·52
30	1·55	6	1·41	13	1·42	26	2·44
31	2·11	7	1·37	14	1·35	28	2·44
		8	1·37	17	1·32	29	2·29
June 1	2·11	9	1·25	18	1·32		
4	2·10	10	1·23	21	1·24	Oct. 1	2·11
5	2·16	11	1·33	23	1·29	2	1·93
6	2·08	14	1·33	24	1·39	3	1·93
7	2·10	15	1·14	25	1·22	4	2·00
8	2·11	16	1·32	26	1·16	5	2·06
9	2·12	17	1·33	27	1·16	8	2·06
10	1·89	18	1·39	28	1·18	10	2·04
11	1·60	19	1·48	30	1·18	11	2·17
12	1·75	20	1·41	31	1·20	12	2·14
13	2·11	21	1·61			13	1·83
14	2·47	22	1·78	Sept. 1	1·08	14	1·91
15	2·50	23	1·26	2	1·13	15	2·03
16	2·49	24	1·35	3	1·13	18	1·97
17	2·50	25	1·39	5	1·25	19	2·02
18	2·54	26	1·36	6	1·21	20	1·78
21	2·46	27	1·74	8	1·15	21	1·72
24	2·07	28	1·88	9	1·17	22	1·85
25	2·14	29	1·69	10	1·17	23	1·78
26	2·10	30	1·46	11	1·28	25	1·70
27	2·17	31	1·40	13	1·28	26	1·76

Sept. 17. Transit-clock stopped in winding, and the weight-cord was shortened, and oil applied by Mr. Spolander, on September 19.

TABLE IV.—*Continued.*

Adopted Rates of the Transit-clock during the Year 1875.

Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.	Day.	Adopted Gaining Rate.
	s		s		s		s
Oct. 27	1·53	Nov. 11	1·57	Nov. 29	1·40	Dec. 16	1·30
28	1·53	12	1·56	30	1·46	17	1·26
29	1·62	15	1·58			20	1·28
30	1·50	16	1·48	Dec. 2	1·37	21	1·33
		17	1·46	3	1·26	22	1·44
Nov. 1	1·56	18	1·54	4	1·49	24	1·39
2	1·87	19	1·54	6	1·49	25	1·39
3	1·81	20	1·58	8	1·49	26	1·32
4	1·64	22	1·67	9	1·47	27	1·34
5	1·67	23	1·55	10	1·47	28	1·26
6	1·66	24	1·57	11	1·47	29	1·26
8	1·59	25	1·52	13	1·37	30	1·17
9	1·48	26	1·51	14	1·37	31	1·17
10	1·52	27	1·50	15	1·43		

TABLE V.

Mean Run of the Microscope-Micrometers of the Transit-circle, or the number of Revolutions corresponding, in the Mean, to an Arc of 5′ on the Circle observed in 1875.

Day.	Observer.	Pointer Reading.	Mean Run.	Day.	Observer.	Pointer Reading.	Mean Run.	Day.	Observer.	Pointer Reading.	Mean Run.
		o	r			o	r			o	r
Jan. 11	C	24	4·790	Feb. 23	M	21	4·794	April 5	C	28	4·804
11	C	25	4·796	24	M	31	4·797	5	C		4·810
12	M	26	4·798	25	I	26	4·798	5	M	62	4·801
14	F	23	4·794	26	F	23	4·794	7	M	26	4·794
15	C	23	4·798	26	F	21	4·799	8	F	23	4·797
16	M	25	4·798	27	M	28	4·797	8	F	31	4·798
19	F	25	4·799	28	F	24	4·802	9	C	25	4·797
20	C	29	4·793					10	M	24	4·799
20	C	298	4·794	March 1	I	23	4·800	11	F	29	4·802
21	M	27	4·796	2	M	29	4·794	12	I	31	4·804
23	C	28	4·791	3	F	31	4·796	14	C	23	4·803
25	M	25	4·799	4	I	25	4·798	14	C	21	4·802
26	I	25	4·795	5	M	30	4·797	15	F	22	4·799
27	F	30	4·801	8	M	28	4·798	16	I		4·801
29	M	25	4·802	10	I	25	4·799	17	M	26	4·800
29	M	55	4·795	11	M	25	4·802	18	C	55	4·799
30	F	24	4·794	11	M	22	4·797	19	F	26	4·798
				12	F	23	4·801	20	M	26	4·799
Feb. 2	I	23	4·802	13	C	23	4·796	21	C	30	4·800
2	C	22	4·799	13	C	25	4·798	21	C	25	4·802
3	M	30	4·800	15	M	28	4·803	22	I	30	4·802
5	I	29	4·799	16	I	26	4·800	23	M	22	4·797
6	M	28	4·797	17	F	27	4·799	24	C		4·801
8	M	22	4·793	19	C		4·800	25	F	22	4·803
9	F	57	4·793	19	C		4·800	26	I	26	4·798
10	I	30	4·800	20	F	21	4·799	29	F	234	4·799
11	M	23	4·795	23	F	31	4·799	29	C		4·802
12	C	25	4·798	24	M	30	4·804	30	I	31	4·802
13	F	57	4·796	24	M	27	4·797				
15	I	22	4·801	25	I	28	4·803	May 5	M	26	4·800
16	M	30	4·798	29	F	27	4·801	6	F	24	4·801
17	C	23	4·795	30	M	28	4·801	7	I	31	4·800
17	C	24	4·797	31	C	26	4·795	8	C	28	4·799
18	M	22	4·798					9	M	25	4·797
18	M	25	4·803	April 2	M	26	4·798	10	C	27	4·796
20	M	28	4·801	3	F	25	4·803	10	C	26	4·804
23	M	31	4·79	4	F	32	4·801	11	M	24	4·801

TABLE V—*Continued.*

Mean Run of the Microscope-Micrometers of the Transit-circle, or the number of Revolutions corresponding, in the Mean, to an Arc of 5′ *on the Circle observed in* 1875.

Day.	Observer.	Pointer Reading.	Mean Run.	Day.	Observer.	Pointer Reading.	Mean Run.	Day.	Observer.	Pointer Reading.	Mean Run.
		o	r			o	r			o	r
May 12	F	31	4·800	June 15	F	353	4·808	July 21	M	28	4·800
12	I	30	4·799	16	M	28	4·798	21	M	29	4·793
13	C	23	4·800	17	C	33	4·792	22	I	30	4·805
14	F	30	4·801	17	C	353	4·798	23	C	23	4·800
14	F	22	4·803	18	I	29	4·806	24	M	24	4·802
15	M	25	4·798	21	C	22	4·799	25	F	23	4·800
16	F	23	4·799	21	C	353	4·794	26	C	59	4·809
17	I	28	4·805	24	C	152	4·802	26	I	29	4·804
18	M	27	4·799	24	C	354	4·797	27	M	28	4·798
19	C	26	4·799	24	F	28	4·806	28	C	26	4·802
19	C	21	4·796	25	C	23	4·800	28	C	354	4·786
20	I	23	4·802	25	F	30	4·804	28	F	33	4·803
22	F	28	4·802	26	M	21	4·803	28	F	58	4·797
23	C	28	4·799	28	M	22	4·803	29	M	54	4·792
24	M	25	4·795	29	C	22	4·802	29	I	24	4·804
29	C	26	4·803	29	C	355	4·798	30	M	25	4·799
29	C	24	4·800	30	F	29	4·804	31	F	26	4·802
30	F	29	4·803	30	F	27	4·799	August 2	I	26	4·806
31	I	26	4·799	July 1	M	28	4·803	3	M	28	4·804
June 1	M	27	4·801	2	I	25	4·805	9	F	21	4·801
5	F	22	4·797	3	C	23	4·797	9	I	30	4·803
5	M	23	4·805	5	F	31	4·805	10	M	21	4·799
5	M	353	4·802	5	C	27	4·796	11	F	32	4·801
6	M	22	4·797	6	M	25	4·800	12	I	27	4·805
7	M	36	4·798	7	C	27	4·784	13	M	27	4·799
7	C	26	4·803	7	C	27	4·797	14	F	29	4·802
8	M	22	4·801	8	I	354	4·804	16	I	29	4·806
9	M	30	4·803	10	M	23	4·794	17	M	28	4·802
9	F	28	4·798	15	I	31	4·804	18	F	25	4·803
9	F	352	4·801	16	F	23	4·806	23	I	31	4·801
10	C	30	4·802	17	C	28	4·803	24	M	29	4·795
11	I	22	4·801	17	C	354	4·796	25	F	28	4·801
11	F	26	4·803	19	F	29	4·804	26	I	28	4·798
14	M	30	4·803	19	M	58	4·801	28	F	26	4·804
14	I	24	4·799	20	C	26	4·799	30	F	28	4·800
15	F	31	4·799	20	C	23	4·803	30	I	28	4·804

TABLE V—*Continued.*

Mean run of the Microscope-Micrometers of the Transit-circle, or the number of Revolutions corresponding, in the Mean, to an Arc of 5′ on the Circle observed in 1875.

Day.	Observer.	Pointer Reading.	Mean Run.	Day.	Observer.	Pointer Reading.	Mean Run.	Day.	Observer.	Pointer Reading.	Mean Run.
		o	r			o	r			o	r
August 31	F	30	4·799	Oct. 14	I	27	4·803	Nov. 17	M	26	4·801
31	F	23	4·803	15	M	25	4·796	18	F	321	4·802
				18	I	27	4·801	20	C	54	4·801
Sept. 1	M	30	4·794	19	M	21	4·798	20	C	21	4·799
2	I	28	4·799	20	M	21	4·803	22	S		4·805
2	I	27	4·807	21	I	26	4·804	22	M		4·800
3	F	27	4·799	23	M	22	4·800	22	F		4·806
6	M	28	4·800	25	I	26	4·801	23	F	23	4·802
8	F	23	4·800	26	M	26	4·799	24	I	26	4·806
9	M	22	4·791	27	M	26	4·798	26	M	28	4·799
9	M	26	4·792	27	F	21	4·803	27	F	58	4·801
10	I	22	4·802	27	F	154	4·800	29	I	26	4·804
15	M	31	4·798	28	I	26	4·804	30	M	25	4·803
15	M	21	4·802	29	M	26	4·801				
16	F	27	4·802	30	F	25	4·801	Dec. 2	M	28	4·804
17	M	26	4·799					3	I	27	4·801
18	F	27	4·807					4	M	24	4·798
18	F	31	4·804	Nov. 1	M	26	4·799	7	M	180	4·802
22	M	29	4·800	1	I	20	4·803	8	M	30	4·801
23	F	28	4·806	2	M	26	4·803	10	F	32	4·802
24	I	26	4·807	3	F	24	4·799	11	M	21	4·801
25	M	25	4·797	3	F	154	4·795	13	M	24	4·802
28	M	27	4·803	4	I	24	4·795	16	M	29	4·804
29	F	24	4·803	4	I	25	4·798	17	I	28	4·802
				5	F	26	4·804	20	M	23	4·798
Oct. 1	M	21	4·801	6	M	26	4·800	21	F	28	4·803
2	F	23	4·800	6	M	22	4·810	22	M	22	4·799
2	F	23	4·800	6	M	29	4·804	22	I	28	4·803
4	I	21	4·804	8	F	22	4·800	24	F	22	4·802
5	F	21	4·798	9	I	28	4·799	25	M	23	4·800
6	M	26	4·800	10	M	25	4·797	26	C	57	4·805
8	F	23	4·803	11	F	27	4·789	27	M	26	4·793
11	I	26	4·803	15	F	25	4·800	28	F	45	4·803
12	M	26	4·803	16	M	180	4·803	30	M	28	4·799
13	F	26	4·799	16	M	23	4·800	31	F	31	4·802
14	I	26	4·804	17	I	26	4·805				

TABLE VI.

Circle Readings for the Nadir-Point, determined from the reflected image of the Wire, 1875.

Day and Hour. 1875.		Observer.	Seconds of observed Nadir Point.	Thermometer.	Day and Hour. 1875.		Observer.	Seconds of observed Nadir Point.	Thermometer.
d	h		″	°	d	h		″	°
Jan. 11	10	C	36·08	66	Feb. 16	12	M	48·89	66
12	12	M	36·45	69	17	12	C	49·55	68
13	11	S	37·21	67	18	12	M	49·57	70
14	12	F	37·53	67	20	12	M	48·68	70
15	11	C	37·72	66	23	10	M	46·76	64
16	12	M	38·19	63	24	9	M	45·90	64
19	12	F	39·30	66	25	12	I	44·83	63
20	10	C	39·30	62	26	12	F	45·26	61
21	12	M	39·77	67	27	12	M	45·37	64
22	12	F	40·52	70	28	8	F	44·81	65
23	11	C	41·23	67					
25	12	M	41·92	68	March 1	11	I	44·65	60
26	11	I	42·42	65	2	12	M	45·06	66
27	12	F	42·28	68	3	10	F	45·00	66
29	12	M	42·87	64	4	12	I	44·99	69
30	12	F	43·64	70	5	10	M	45·09	63
					8	10	M	46·08	65
Feb. 1	12	I	43·96	63	10	12	I	44·95	59
2	12	C	44·94	65	11	12	M	45·15	63
3	12	M	45·04	63	12	8	F	45·02	65
4	10	F	46·01	66	13	7	C	45·32	66
5	12	I	46·33	66	15	12	M	45·12	63
6	12	M	46·76	70	16	7	I	45·03	66
8	14	M	47·31	67	17	7	F	45·55	67
9	12	F	47·88	64	19	8	C	46·13	66
10	12	I	48·12	63	20	7	F	45·96	71
11	11	M	48·29	63	23	7	F	45·43	64
12	12	C	48·54	69	24	12	M	45·60	61
13	12	F	49·06	65	25	7	I	45·72	65
15	11	I	48·58	66	27	8	C	46·33	71

From January 11 to July 20 the reading for the Nadir-Point did not differ more than $\pm$ 9″ from 180° 6′ 41″.

The revolution micrometer was then arbitrarily changed two revolutions, and from July 21 to December 31 the reading did not differ more than $\pm$ 4″ from 180° 7′ 28″.

TABLE VI—*Continued.*

Circle Readings for the Nadir-Point determined from the reflected image of the Wire, 1875.

Day and Hour. 1875.		Observer.	Seconds of observed Nadir Point.	Thermometer.	Day and Hour. 1875.		Observer.	Seconds of observed Nadir Point.	Thermometer.
d	h		″	°	d	h		″	°
March 29	8	F	45·59	65	May 11	11	M	39·08	56
30	12	M	45·46	70	12	10	I	38·89	57
31	8	C	45·66	60	13	12	C	38·76	58
					14	12	F	38·40	51
April 2	10	M	44·38	59	15	12	M	38·60	51
3	12	F	43·90	59	16	9	F	38·49	54
4	9	F	43·29	62	17	11	I	38·25	60
5	7	C	42·82	59	18	12	M	38·58	55
5	22	M	42·63	58	19	12	C	37·89	52
7	12	M	43·07	59	20	12	C	38·17	55
8	12	F	42·82	61	22	12	F	38·55	53
9	7	C	42·49	69	23	13	C	38·56	53
10	10	M	42·05	61	24	12	M	38·50	56
11	10	F	41·98	62	29	12	C	38·11	51
12	11	I	41·77	63	30	8	F	38·07	57
14	12	C	41·82	58	31	11	I	37·77	54
15	12	F	42·31	55					
16	11	I	42·44	61					
17	12	M	42·43	60	June 1	11	M	37·90	54
18	6	C	42·13	64	5	11	M	36·90	58
19	12	F	42·39	57	6	9	F	36·47	52
20	12	M	42·70	59	7	6	M	36·29	59
21	12	C	42·62	59	7	6	C	36·96	59
22	7	I	42·48	65	8	11	M	36·13	57
23	11	M	42·61	62	9	9	F	35·83	54
24	7	C	42·50	63	10	9	C	35·33	55
25	12	F	42·51	55	11	11	I	34·95	51
26	22	I	41·95	60	14	11	I	35·26	56
29	7	C	41·13	60	14	21	M	35·05	..
30	11	I	40·80	58	15	11	F	35·18	60
					16	10	M	34·91	57
May 5	11	M	39·62	60	17	7	C	34·63	55
6	12	F	39·70	57	18	12	I	34·52	44
7	12	I	38·78	59	21	11	C	32·44	57
8	12	C	39·16	48	24	12	C	32·88	52
9	8	M	39·38	56	24	23	C	32·92	58
10	12	C	38·74	58	25	12	F	33·18	55

TABLE VI—*Continued.*

Circle Reading for the Nadir-Point, determined from the reflected image of the Wire, 1875.

Day and Hour. 1875.		Observer.	Seconds of observed Nadir Point.	Thermometer.	Day and Hour. 1875.		Observer.	Seconds of observed Nadir Point.	Thermometer.
d	h		″	°	d	h		″	°
June 26	12	M	33·35	54	Aug. 10	10	M	29·22	54
28	12	M	33·82	43	11	12	F	29·25	55
29	7	C	33·44	53	12	7	I	29·12	53
30	12	F	33·67	54	13	12	M	29·84	54
					14	12	F	29·43	55
July 1	12	M	33·80	52	16	10	I	28·86	56
2	12	I	33·43	51	17	12	M	29·27	55
3	7	C	33·77	51	18	12	F	29·07	52
5	12	F	33·69	57	23	12	I	28·12	54
6	12	M	34·01	42	24	12	M	28·58	50
7	7	C	33·85	61	25	12	F	28·16	48
8	12	I	33·65	55	26	12	I	27·96	48
10	12	M	34·16	51	28	12	F	27·88	52
15	12	I	33·62	50	30	10	I	27·59	48
16	12	F	33·19	55	31	12	F	27·67	56
17	7	C	32·91	48					
19	12	F	33·22	45	Sept. 1	12	M	28·30	51
20	12	C	33·44	54	2	7	I	27·32	57
21	12	M	30·32	48	3	8	F	27·30	56
22	12	I	29·51	64	6	12	M	27·51	49
23	8	C	30·11	49	8	8	F	27·77	53
24	12	M	29·98	48	9	12	M	27·87	59
25	9	F	29·86	48	10	11	I	27·30	63
26	12	I	29·86	57	15	12	M	27·50	51
27	12	M	30·34	53	16	12	F	27·44	54
28	8	C	30·03	53	17	12	M	27·60	53
29	12	I	29·57	55	18	12	F	27·30	54
30	12	M	29·66	56	22	12	M	27·70	57
31	12	F	29·68	47	23	12	F	27·25	55
					24	12	I	27·24	53
Aug. 2	12	I	29·04	54	25	12	M	27·57	56
3	12	M	29·72	50	28	12	M	27·08	54
9	12	I	28·98	48	29	12	F	27·15	56

The Telescope-micrometer reading was increased two revolutions=57″·096, from noon, July 21.

TABLE VI.—*Continued.*

Circle Readings for the Nadir-Point, determined from the reflected image of the Wire, 1875.

Day and Hour. 1875.			Observer.	Seconds of observed Nadir Point.	Thermometer.	Day and Hour. 1875.			Observer.	Seconds of observed Nadir Point.	Thermometer.
	d	h		″	°		d	h		″	°
Oct.	1	12	M	27·23	59	Nov.	9	12	I	25·69	58
	2	6	F	26·93	58		9	23	F	25·61	77
	4	12	I	26·54	58		10	8	M	25·58	62
	5	12	F	27·20	56		11	12	F	25·47	55
	6	3	M	27·06	61		15	10	F	25·79	61
	8	12	F	26·76	55		16	0	M	25·16	84
	11	12	I	26·27	50		16	12	M	26·16	60
	12	12	M	26·62	54		17	12	I	24·98	58
	13	12	F	26·98	49		17	23	M	25·22	81
	14	12	I	26·65	56		18	8	F	25·72	64
	15	12	M	26·68	56		20	9	C	26·46	62
	18	12	I	26·17	58		22	9	M	26·22	60
	19	12	M	26·42	58		22	9	S	26·28	60
	20	17	M	26·37	61		22	9	S	26·62	60
	21	12	I	25·80	62		22	9	M	26·70	60
	23	12	M	26·25	63		22	9	F	26·37	60
	25	12	I	25·61	60		22	9	F	26·55	60
	26	11	M	26·28	60		23	9	F	26·62	58
	27	0	M	26·10	75		24	19	I	25·94	63
	27	8	F	25·85	58		26	12	M	26·57	60
	28	0	F	25·85	70		27	9	F	26·48	69
	28	4	M	25·82	67		29	12	I	26·14	62
	28	12	I	25·98	59		30	12	M	26·26	62
	29	12	M	26·37	59						
	30	0	M	26·12	67	Dec.	2	12	M	25·93	58
	30	12	F	26·24	59		3	12	I	27·38	63
							4	13	M	27·01	63
Nov.	1	0	M	26·05	73		6	12	S	27·25	67
	1	12	I	26·16	55		7	23	M	27·04	58
	2	12	M	26·10	59		8	12	M	27·72	60
	3	12	F	25·74	61		9	8	S	27·41	65
	4	0	F	25·75	71		10	8	I	27·92	64
	4	12	I	25·98	63		11	12	M	28·38	62
	5	12	F	25·41	60		13	12	M	28·14	58
	5	23	M	25·48	72		14	8	S	28·14	69
	6	12	M	25·58	60		16	12	M	29·10	63
	8	12	F	26·05	56		17	8	I	29·25	63

TABLE VI.—*Continued.*

Circle Readings for the Nadir-Point determined from the reflected image of the Wire, 1875.

Day and Hour. 1875.			Observer.	Seconds of observed Nadir Point.	Thermometer.	Day and Hour. 1875.			Observer.	Seconds of observed Nadir Point.	Thermometer.
	d	h		″	°		d	h		″	°
Dec.	18	8	S	29·49	65	Dec.	27	12	M	29·26	61
	20	12	M	30·56	62		28	11	F	28·82	58
	21	12	F	30·68	61		29	9	S	28·92	67
	22	9	I	31·32	75		30	12	M	28·91	60
	24	12	F	30·32	63		31	9	F	28·21	70
	25	12	M	29·53	61						

TABLE VII.

Circle Readings for Direct and Reflexion Observations of Stars, 1875.

Date.		Star.	Circle Reading Direct.	Circle Reading Reflexion.
			° ′ ″	° ′ ″
October	6	α^2 Centauri	26 30 22·84	153 44 34·15
	12	B.A.C. 8365	327 23 29·67	212 51 25·33
		B.A.C. 163	327 23 6·71	212 51 47·80
	27	α^2 Centauri	26 30 16·61	153 44 39·09
		η Aquarii	326 57 23·49	213 17 28·95
		β Centauri	25 57 15·57	154 17 38·11
	28	α^2 Centauri	26 30 17·92	153 44 37·83
		α^1 Centauri	26 30 13·01	153 44 42·75
		α Ophiuchi	313 33 12·39	226 41 40·34
	30	α^2 Centauri	26 30 14·80	153 34 38·75
November	1	α^2 Centauri	26 30 15·55	153 44 38·28
	3	α^2 Centauri	26 30 14·92	153 44 40·20
		α^1 Centauri	26 30 11·21	153 44 44·12
	5	β Centauri	25 57 12·89	154 17 41·62
	6	ι Piscium	321 14 51·45	219 0 2·09
	9	α^2 Centauri	26 30 12·17	153 44 40·31
		α^1 Centauri	26 30 9·29	153 44 44·86
	11	ι Piscium	321 14 50·99	219 0 1·81
	17	α^2 Centauri	26 30 11·99	153 44 41·17
	18	ι Piscium	321 14 52·17	219 0 0·06

ROYAL OBSERVATORY,
CAPE OF GOOD HOPE.

SEPARATE RESULTS

FOR

MEAN R.A. OF STARS

OBSERVED IN THE YEAR

1875.

Day.	Observer.	h. m. s.
Lacaille 9730.		
Sept. 28	M	0 1 2·37
Oct. 2	F	2·35
5	F	2·41
Lacaille 9731.		
Oct. 15	M	0 1 7·67
Nov. 1	I	7·46
5	F	7·51
Lacaille 9733.		
Sept. 25	M	0 1 18·55
Oct. 30	F	18·68
Nov. 6	M	18·64
Lacaille 9746.		
Oct. 29	M	0 3 21·39
Nov. 4	I	21·80
8	F	21·52
Lacaille 9749.		
Sept. 25	M	0 3 37·00
Oct. 2	F	37·04
30	F	37·10
Lacaille 9754.		
Oct. 23	M	0 4 26·05
Nov. 3	F	25·99
5	F	25·89
Lacaille 9759.		
Oct. 18	I	0 5 15·91
Nov. 9	I	w=½ 16·23
10	M	15·72
Lacaille 9762.		
Oct. 25	I	0 5 46·57
Nov. 6	M	46·46
11	F	46·60
Lacaille 9763.		
Sept. 28	M	0 5 50·79
Oct. 15	M	50·85
21	I	50·96
Lacaille 3.		
Nov. 8	F	0 6 39·50
15	F	39·39
16	M	39·43
7 Pegasi.		
Feb. 24	M	0 6 48·01
Oct. 27	F	47·98
Lacaille 11.		
Oct. 28	I	0 7 39·59
Nov. 1	I	39·36
5	F	39·44
Lacaille 13.		
Oct. 27	F	0 8 2·30
29	M	2·30
30	F	2·38
Lacaille 28.		
Oct. 2	F	0 10 22·37
13	F	22·32
23	M	22·31
ι Ceti.		
Nov. 16	M	0 13 3·47
Lacaille 63.		
Oct. 13	F	0 16 35·11
14	I	35·01
15	M	34·86
Lacaille 69.		
Oct. 25	I	0 17 30·28
28	I	30·50
Nov. 20	C	30·28
Lacaille 71.		
Oct. 2	F	0 17 37·98
21	I	38·26
23	M	38·08
Lacaille 73.		
Oct. 2	F	0 18 9·50
23	M	9·52
29	M	9·34
Lacaille 77.		
Oct. 30	F	0 18 37·37
Nov. 22	M	37·30
26	M	37·32
β Hydri.		
Mar. 24	M	0 19 8·69
25	I	S.P. 9·90
30	M	S.P. 7·97
30	M	8·98
Apr. 5	C	S.P. 9·13
6	M	9·22
7	M	S.P. 8·59
7	M	9·20
8	F	S.P. 8·65
8	F	9·03
11	I	9·09
12	I	S.P. 9·07

Day.	Observer.	h. m. s.
β Hydri.—*Continued.*		
Apr. 12	C	0 19 9·30
13	C	9·30
14	C	S.P. 9·30
14	F	8·84
15	F	S.P. 8·77
15	I	9·16
16	I	S.P. 9.14
16	M	8·77
17	M	S.P. 8·89
18	F	8·95
19	F	S.P. 8·92
20	M	S.P. 8·57
20	C	8·92
22	I	S.P. 8.93
22	M	8·96
June 7	C	S.P. 8·91
25	C	9·11
30	F	S.P. 8·93
30	F	8·85
July 1	M	S.P. 9·21
Oct. 27	M	S.P. 8·94
Nov. 3	M	S.P. 8·81
5	F	8·79
5	M	S.P. 8·81
6	M	8·38
9	I	9·08
9	M	S.P. 9·36
10	M	8·65
Lacaille 95.		
Oct. 27	F	0 22 15·02
Nov. 2	M	14·94
3	F	14·99
Lacaille 102.		
Oct. 14	I	0 22 43·33
30	F	43·41
Nov. 6	M	43·22
12 Ceti.		
Oct. 2	F	0 23 39·52
Nov. 5	F	39·54
22	M	39·56
Lacaille 107.		
Oct. 29	M	0 24 9·08
Nov. 9	I	9·42
15	F	9·15
Lacaille 111.		
Oct. 18	I	0 24 44·16
Nov. 5	F	44·00
8	F	44·08
Lacaille 116.		
Nov. 1	I	0 25 27·63
11	F	27·81
17	I	27·95
Lacaille 119.		
Oct. 2	F	0 25 48·14
13	F	48·21
27	F	48·28
Lacaille 120.		
Oct. 2	F	0 25 48·78
13	F	48·89
27	F	49·02
Lacaille 123.		
Oct. 23	M	0 27 1·44
Nov. 6	M	1·34
22	M	1·36
Lacaille 130.		
Oct. 25	I	0 27 37·99
Nov. 3	F	37·98
24	I	37·82
Lacaille 132.		
Oct. 28	I	0 27 49·20
Nov. 15	F	49·00
23	F	w=½ 48·79
Lacaille 135.		
Oct. 21	I	0 28 11·21
Nov. 8	F	11·25
16	M	11·25
Lacaille 144.		
Oct. 14	I	0 29 43·03
29	M	42·86
Nov. 2	M	42·89
Lacaille 146.		
Oct. 19	M	0 30 50·56
30	F	50·77
Nov. 5	F	50·65
Lacaille 152.		
Oct. 13	F	0 31 28·39
27	F	28·44
Nov. 3	F	28·40
ε Andromedæ.		
Nov. 26	M	0 31 57·17
30	M	57·13
Lacaille 163.		
Oct. 15	M	0 33 28·81
18	I	28·88
Nov. 6	M	28·75

Day.	Observer.	h. m. s.
Lacaille 172.		
Oct. 29	M	0 34 33·65
Nov. 2	M	33·66
8	F	33·86
Lacaille 175.		
Nov. 1	I	0 34 45·42
4	I	45·66
9	I	45·88
Lacaille 180.		
Oct. 19	M	0 36 4·14
30	F	4·10
Nov. 5	F	3·99
Lacaille 182.		
Oct. 14	I	0 36 18·72
Nov. 3	F	18·55
10	M	18·54
*** N.P.D. 146° 28′.**		
Nov. 3	F	0 36 18·54
10	M	18·96
Lacaille 186.		
Oct. 27	F	0 37 4·67
Nov. 8	F	4·67
11	F	4·72
β Ceti.		
Feb. 24	M	0 37 18·76
Oct. 13	F	18·87
Nov. 16	M	18·79
26	M	18·73
30	M	18·81

Day.	Observer.	h. m. s.
Lacaille 190.		
Oct. 28	I	0 37 43·94
Nov. 6	M	43·81
15	F	43·82
Lacaille 215.		
Oct. 13	F	0 40 51·07
18	I	51·06
21	I	51·31
δ Piscium.		
Nov. 10	M	0 42 11·82
Lacaille 232.		
June 25	C	0 44 26·68
Oct. 13	F	26·41
29	M	26·43
Lacaille 240.		
Oct. 15	M	0 46 21·26
25	I	21·20
Nov. 2	M	21·31
Lacaille 246.		
Oct. 19	M	0 47 24·96
28	I	25·18
Nov. 4	I	25·06
Lacaille 247.		
Oct. 23	M	0 47 42·42
Nov. 3	F	42·51
5	F	42·33
*** N.P.D. 151° 45′.**		
Oct. 23	M	0 47 43·27
Nov. 3	F	43·27
5	F	43·12

Day.	Observer.	h. m. s.
Lacaille 249.		
Oct. 11	I	0 48 24·95
Nov. 1	I	24·82
6	M	24·97
Lacaille 253.		
June 25	C	0 48 25·54
Nov. 8	F	25·33
10	M	25·26
Lacaille 254.		
Oct. 18	I	0 48 49·85
29	M	49·70
Nov. 9	I	49·94
Lacaille 264.		
Oct. 13	F	0 51 11·90
14	I	11·93
15	M	11·81
Lacaille 271.		
June 25	C	0 53 10·24
Oct. 19	M	10·04
23	M	10·06
Lacaille 285.		
Oct. 11	I	0 56 10·59
25	I	10·56
Nov. 1	I	10·48
ε Piscium.		
Oct. 13	F	0 56 27·33
19	M	27·36
Nov. 3	F	27·36
4	I	27·32
6	M	27·36
Dec. 2	M	27·39

Day.	Observer.	h. m. s.
Lacaille 288.		
Oct. 15	M	0 56 44·33
18	I	44·43
Nov. 2	M	44·31
Lacaille 297.		
June 25	C	0 58 12·76
Oct. 13	F	12·91
19	M	12·84
*** N.P.D. 150° 46′.**		
June 25	C	0 58 13·32
Oct. 13	F	13·43
19	M	13·40
Lacaille 316.		
June 25	C	1 2 21·42
Oct. 23	M	21·32
30	F	21·33
Lacaille 318.		
Oct. 15	M	1 3 7·65
29	M	7·55
Nov. 2	M	7·62
Lacaille 321.		
Oct. 11	I	1 4 9·62
14	I	9·84
Nov. 3	F	9·72
Lacaille 323.		
Oct. 18	I	1 5 1·12
19	M	1·12
23	M	1·08
Lacaille 325.		
Oct. 25	I	1 5 7·55
Nov. 4	I	7·74
5	F	7·52
ζ^1 Piscium.		
Dec. 2	M	1 7 12·17
Lacaille 340.		
Oct. 27	F	1 9 38·89
29	M	38·87
30	F	38·81
Lacaille 341.		
Oct. 11	I	1 9 53·14
14	I	53·17
15	M	53·03
Lacaille 368.		
Oct. 28	I	1 15 1·15
29	M	1·08
30	F	1·03
Lacaille 369.		
Oct. 29	M	1 15 29·01
30	F	29·10
Nov. 2	M	28·97
Lacaille 389.		
Nov. 2	M	1 17 22·23
3	F	22·23
5	F	22·16
θ Ceti.		
Oct. 15	M	1 17 46·53
27	F	46·52
Lacaille 405.		
Oct. 25	I	1 20 36·32
27	F	36·30
29	M	36·25
η Piscium.		
Oct. 19	M	1 24 47·75
29	M	47·78
30	F	47·77
Lacaille 464.		
July 5	C	1 29 30·22
Oct. 25	I	30·15
Nov. 2	M	30·16
Lacaille 467.		
Oct. 19	M	1 29 42·86
27	F	42·87
30	F	43·02
Lacaille 468.		
Oct. 28	I	1 30 33·65
Nov. 5	F	33·60
8	F	33·79
Lacaille 470.		
Oct. 29	M	1 30 52·17
Nov. 9	I	52·24
10	M	52·12
Lacaille 474.		
July 5	C	1 31 20·75
Nov. 16	M	20·71
26	M	20·61

Day.	Observer.	h. m. s.
Lacaille 479.		
Oct. 30	F	1 32 9·97
Nov. 4	I	9·97
27	F	9·70
Lacaille 484.		
Nov. 5	F	1 33 3·29
15	F	3·46
Dec. 1	I	3·44
Lacaille 487.		
Nov. 4	M	1 33 30·90
20	C	30·99
30	M	30·97
Lacaille 491.		
Oct. 27	F	1 34 26·51
Nov. 8	F	26·72
17	I	26·59
Lacaille 495.		
Nov. 10	M	1 35 2·88
16	M	2·89
23	F	2·88
*** N.P.D. 146° 49′.**		
Nov. 10	M	1 35 3·74
16	M	3·66
23	F	3·68
Lacaille 494.		
Nov. 9	I	1 35 4·28
18	F	4·17

Day.	Observer.	h. m. s.
Lacaille 503.		
July. 5	C	1 36 5·83
Nov. 6	M	5·70
26	M	5·78
Lacaille 507.		
Nov. 5	F	1 37 30·89
15	F	31·19
27	F	30·84
Lacaille 512.		
Oct. 25	I	1 38 51·46
27	F	51·45
30	F	51·50
Lacaille 516.		
July. 5	C	1 40 20·52
Oct. 28	I	20·56
Nov. 4	I	20·51
Lacaille 634.		
Dec. 2	M	1 44 49·40
Lacaille 544.		
Oct. 27	F	1 45 27·76
Nov. 1	I	27·71
5	F	27·71
Lacaille 553.		
Oct. 28	I	1 45 58·00
Nov. 6	M	57·70
8	F	57·88

Day.	Observer.	h. m. s.
β Aristis.		
Nov. 10	M	1 47 44·12
16	M	44·17
Dec. 10	I	44·29
Lacaille 572.		
Oct. 30	F	1 49 50·85
Nov. 2	M	50·75
3	F	50·77
Lacaille 584.		
July 5	C	1 51 17·20
Nov. 1	I	17·07
6	M	17·12
10	M	17·14
Lacaille 582.		
Oct. 27	F	1 51 18·37
Nov. 5	F	18·35
8	F	18·50
Lacaille 590.		
Nov. 4	I	1 51 46·71
16	M	46·59
18	F	46·70
Lacaille 593.		
Nov. 9	I	1 52 25·03
20	C	24·76
Lacaille 605.		
Oct. 30	F	1 54 49·88
Nov. 15	F	50·01
23	F	49·69

Day.	Observer.	h. m. s.
Lacaille 609.		
Nov. 2	M	1 55 50·67
3	F	50·72
5	F	50·62
8	F	50·85
Lacaille 617.		
Nov. 10	M	1 56 48·41
17	I	48·47
27	F	48·20
Lacaille 614.		
Nov. 6	M	1 56 50·02
16	M	50·03
26	M	49·91
Lacaille 624.		
Nov. 1	I	1 58 15·79
9	I	16·32
20	C	15·92
Lacaille 626.		
Oct. 27	F	1 59 34·45
Nov. 5	F	34·41
8	F	34·46
***α* Arietis.**		
June 25	M	2 0 7·68
Dec. 17	I	7·77
Lacaille 630.		
Nov. 2	M	2 0 11·85
26	M	11·96
29	I	11·77
Lacaille 635.		
Nov. 6	M	2 1 24·18
15	F	24·36
30	M	24·19
Lacaille 650.		
Nov. 10	M	2 3 23·75
16	M	23·73
Dec. 2	M	23·64
Lacaille 655.		
Nov. 8	F	2 3 31·07
23	F	30·86
Dec. 3	I	30·93
Lacaille 651.		
Nov. 2	M	2 3 36·49
17	I	36·52
27	F	36·34
Lacaille 654.		
Oct. 27	F	2 3 58·55
Nov. 5	F	58·49
26	M	58·43
Lacaille 673.		
Nov. 3	F	2 6 33·96
6	M	33·82
20	C	33·83
Lacaille 677.		
Nov. 2	M	2 7 16·33
8	F	16·37
16	M	16·27
Lacaille 685.		
Nov. 9	I	2 9 33·14
15	F	33·02
26	M	32·95
67 Ceti.		
Oct. 27	F	2 10 44·86
30	F	44·88
Nov. 1	I	44·86
3	F	44·90
5	F	44·87
Dec. 2	M	45·02
8	M	44·88
10	I	44·89
13	M	44·96
17	I	44·93
20	M	44·92
Lacaille 692.		
Nov. 5	F	2 11 40·90
6	M	41·06
17	I	41·09
Lacaille 705.		
Nov. 2	M	2 13 27·51
8	F	27·63
10	M	27·41
Lacaille 717.		
Nov. 9	I	2 15 51·34
23	F	51·19
26	M	51·13
Lacaille 722.		
Nov. 6	M	2 16 25·61
18	F	25·58
27	F	25·41

Day.	Observer.	h. m. s.
Lacaille 730.		
Nov. 5	F	2 17 21·87
16	M	21·94
30	M	21·95
Lacaille 737.		
Nov. 8	F	2 18 34·84
29	I	34·64
Dec. 2	M	34·86
Lacaille 733.		
Nov. 17	I	2 19 0·46
20	C	0·50
Dec. 9	S	0·44
Lacaille 739.		
Nov. 2	M	2 19 28·85
27	F	28·57
Dec. 10	I	28·78
Lacaille 740.		
Nov. 20	C	2 19 31·51
Dec. 3	I	31·62
9	S	31·50
Lacaille 738.		
Nov. 10	M	2 19 33·72
Dec. 4	M	33·64
11	M	33·66
Lacaille 752.		
Nov. 5	F	2 21 24·23
6	M	24·16
16	M	24·17

Day.	Observer.	h. m. s.
ξ^2 Ceti.		
Nov. 22	M	2 21 30·86
Dec. 11	M	30·68
13	M	31·06
16	M	30·89
20	M	30·93
21	F	30·89
27	M	30·89
30	M	30·84
31	F	30·81
Lacaille 770.		
Nov. 10	M	2 24 14·54
18	F	14·59
30	M	14·47
Lacaille 779.		
Nov. 16	M	2 25 9·24
20	C	9·28
26	M	9·37
Lacaille 782.		
Nov. 6	M	2 26 32·63
8	F	32·63
22	M	32·65
Lacaille 794.		
Nov. 2	M	2 27 49·10
10	M	49·15
Dec. 2	M	48·95
Lacaille 795.		
Nov. 17	I	2 27 59·49
Dec. 4	M	59·15
8	M	59·18

Day.	Observer.	h. m. s.
Lacaille 812.		
Nov. 10	M	2 30 29·61
26	M	29·66
30	M	29·67
Lacaille 810.		
Nov. 15	F	2 30 32·72
16	M	32·53
18	F	32·56
Lacaille 819.		
Nov. 6	M	2 32 22·64
20	C	22·71
22	M	22·71
δ Ceti.		
Nov. 8	F	2 33 4·52
*** N.P.D. 145° 22′.**		
Nov. 16	M	2 35 2·82
Dec. 6	S	2·67
9	S	2·76
Lacaille 829.		
Nov. 16	M	2 35 3·85
Dec. 6	S	3·48
9	S	3·68
Lacaille 845.		
Nov. 30	M	2 36 2·82
Dec. 4	M	2·45
13	M	2·65

Day.	Observer.	h. m. s.
Lacaille 849.		
Dec. 2	M	2 36 18·30
14	S	17·93
18	S	17·87
*** N.P.D. 150° 6′.**		
Dec. 14	S	2 36 22·76
18	S	22·64
Lacaille 847.		
Nov. 10	M	2 36 46·25
Dec. 11	M	46·26
20	M	46·06
Lacaille 858.		
Nov. 17	I	2 36 49·05
Dec. 17	I	49·05
22	I	49·05
25	M	48·76
γ^2 Ceti.		
July 24	M	2 36 49·39
Nov. 2	M	49·47
6	M	49·43
8	F	49·44
22	M	49·49
26	M	49·54
Dec. 27	M	49·36
30	M	49·46
Lacaille 863.		
Dec. 8	M	2 36 50·43
16	M	50·53
21	F	w=½ 50·84
Lacaille 862.		
Nov. 29	I	2 37 53·96
Dec. 13	M	54·06
20	M	w=½ 53·69

Day.	Observer.	h. m. s.
Lacaille 868.		
Nov. 8	F	2 38 52·10
9	I	52·34
15	F	52·17
Lacaille 885.		
Nov. 6	M	2 40 46·56
23	F	46·50
26	M	46·58
Lacaille 889.		
Nov. 10	M	2 42 6·91
18	F	7·00
20	C	7·07
Lacaille 896.		
Dec. 11	M	2 42 47·35
13	M	47·24
16	M	47·25
σ Arietis.		
Dec. 4	M	2 44 35·55
*** N.P.D. 153° 28′.**		
Dec. 10	I	2 45 18·53
14	S	18·12
Lacaille 911.		
Nov. 10	M	2 46 12·98
15	F	13·20
16	M	12·99
Lacaille 919.		
Dec. 2	M	2 47 39·44
6	S	39·31
8	M	39·33

Day.	Observer.	h. m. s.
Lacaille 917.		
Nov. 10	M	2 47 40·21
16	M	40·29
22	M	40·38
Lacaille 927.		
Nov. 17	I	2 48 42·80
26	M	42·76
30	M	42·74
Lacaille 934.		
Nov. 29	I	2 49 1·53
Dec. 4	M	1·49
11	M	1·63
Lacaille 937.		
Dec. 3	I	2 49 37·75
9	S	37·67
16	M	37·69
Lacaille 941.		
Nov. 23	F	2 50 45·29
Dec. 13	M	45·17
17	I	45·36
*** N.P.D. 153° 30′.**		
Dec. 2	M	2 51 45·79
8	M	45·92
Lacaille 961.		
Nov. 22	M	2 52 18·82
Dec. 16	M	18·85
18	S	18·85
*** N.P.D. 154° 32′.**		
Nov. 22	M	2 52 29·61
Dec. 18	S	29·84
20	M	29·26

Day.	Observer.	h. m. s.
Lacaille 960.		
Nov. 15	F	2 53 59·23
16	M	59·14
26	M	59·07
*** N.P.D. 153° 32′.**		
Dec. 10	I	2 54 27·38
Lacaille 970.		
Nov. 17	I	2 55 35·90
29	I	35·78
Dec. 4	M	35·74
α Ceti.		
Nov. 30	M	2 55 44·83
Dec. 8	M	44·78
11	M	44·69
13	M	44·75
16	M	44·70
26	M	44·62
28	M	44·77
Lacaille 973.		
Nov. 23	F	2 57 9·07
26	M	9·66
27	F	9·52
Lacaille 977.		
Nov. 16	M	2 59 1·19
19	F	1·13
26	M	1·23
Lacaille 985.		
Nov. 20	C	3 0 5·98
Dec. 4	M	6·04
8	M	5·99
Lacaille 987.		
Nov. 30	M	3 0 23·43
Dec. 6	S	23·33
11	M	23·59
Lacaille 989.		
Dec. 2	M	3 0 40·12
9	S	40·17
13	M	39·99
*** N.P.D. 151° 19′.**		
Nov. 20	C	3 1 1·09
Lacaille 992.		
Nov. 26	M	3 1 38·64
Dec. 10	I	38·81
16	M	38·65
Lacaille 994.		
Nov. 22	M	3 1 49·85
Dec. 14	S	49·69
17	I	50·18
Lacaille 998.		
Nov. 10	M	3 4 4·28
15	F	4·46
23	F	4·34
δ Arietis.		
Dec. 2	M	3 4 29·04
11	M	29·09
16	M	29·11
Lacaille 1007.		
Nov. 27	F	3 5 1·39
30	M	1·58
Dec. 4	M	1·49
Lacaille 1012.		
Nov. 29	I	3 6 22·37
Dec. 11	M	22·33
13	M	22·38
Lacaille 1023.		
Nov. 22	M	3 7 31·41
Dec. 3	I	31·50
9	S	31·57
Lacaille 1033.		
Nov. 26	M	3 7 51·45
Dec. 2	M	51·51
16	M	51·30
Lacaille 1032.		
Nov. 10	M	3 8 44·50
Dec. 6	S	44·39
17	I	44·60
Lacaille 1040.		
Nov. 30	M	3 9 23·21
Dec. 8	M	22·99
14	S	22·90
Lacaille 1049.		
Nov. 15	F	3 10 23·67
Dec. 4	M	23·67
11	M	23·67
Lacaille 1057.		
Nov. 22	M	3 12 2·25
27	F	2·28
Dec. 2	M	2·46

Day.	Observer.	h. m. s.
Lacaille 1069.		
Nov. 26	M	3 13 11·95
29	I	11·89
Dec. 13	M	11·57
Lacaille 1074.		
Nov. 10	M	3 15 3·79
Dec. 8	M	3·49
9	S	3·74
13	M	3·91
14	S	3·47
Lacaille 1073.		
Nov. 30	M	3 15 8·32
Dec. 10	I	8·42
17	I	8·24
Lacaille 1077.		
Dec. 3	I	3 15 30·17
16	M	30·03
18	S	30·20
Lacaille 1078.		
Dec. 2	M	3 15 54·17
4	M	53·95
11	M	54·02
Lacaille 1120.		
Nov. 10	M	3 23 2·41
16	M	2·27
22	M	2·27
***f* Tauri.**		
Jan. 15	C	3 23 58·48
Dec. 4	M	58·37
8	M	58·47
11	M	58·35

Day.	Observer.	h. m. s.
Lacaille 1129.		
Nov. 26	M	3 25 23·70
30	M	23·69
Dec. 2	M	24·00
ε Eridani.		
Nov. 10	M	3 27 2·50
16	M	2·42
Dec. 21	F	2·48
30	M	2·50
Lacaille 1136.		
Dec. 3	I	3 27 5·94
4	M	5·79
11	M	5·75
Lacaille 1143.		
Jan. 12	M	3 27 11·94
15	C	11·88
Lacaille 1142.		
Nov. 22	M	3 28 4·72
Dec. 10	I	4·73
13	M	4·78
Lacaille 1150.		
Dec. 9	S	3 28 39·21
14	S	38·81
16	M	38·88
Lacaille 1149.		
Dec. 2	M	3 28 50·94
6	S	50·48
18	S	50·78
25	M	50·65

Day.	Observer.	h. m. s.
Lacaille 1158.		
Nov. 26	M	3 30 15·81
27	F	15·79
Dec. 8	M	15·69
Lacaille 1159.		
Nov. 30	M	3 30 28·71
Dec. 17	I	28·88
20	M	28·45
Lacaille 1168.		
Dec. 4	M	3 30 47·89
11	M	48·08
27	M	47·93
Lacaille 1170.		
Dec. 3	I	3 32 18·32
13	M	18·41
16	M	18·29
21	F	18·53
22	I	18·55
Lacaille 1179.		
Jan. 15	C	3 32 34·11
Nov. 10	M	34·13
16	M	34·05
22	M	33·95
*** N.P.D. 168° 46′.**		
Nov. 23	F	3 34 34·67
Dec. 28	F	34·74
30	M	34·90
Lacaille 1192.		
Dec. 9	S	3 35 13·42
20	M	13·41
22	I	13·39

Day.	Observer.	h. m. s.
Lacaille 1193.		
Jan. 12	M	3 35 31·45
Nov. 26	M	31·24
Dec. 8	M	30·82
*** N.P.D. 150° 11′.**		
Dec. 6	S	3 35 32·26
18	S	32·78
Lacaille 1197.		
Dec. 6	S	3 35 39·72
10	I	40·25
18	S	40·33
25	M	39·96
Lacaille 1200.		
Nov. 30	M	3 36 39·91
Dec. 2	M	40·05
4	M	39·87
Lacaille 1201.		
Nov. 22	M	3 36 41·10
Dec. 13	M	41·39
16	M	41·18
Lacaille 1202.		
Dec. 11	M	3 36 57·10
22	I	57·22
27	M	56·93
Lacaille 1209.		
Dec. 17	I	3 37 29·69
20	M	29·32
21	F	29·60

Day.	Observer.	h. m. s.
*** N.P.D. 146° 29′.**		
Jan. 15	C	3 37 55·32
Lacaille 1243.		
Jan. 12	M	3 39 56·63
η Tauri.		
Jan. 23	C	3 40 3·42
Lacaille 1241.		
Nov. 27	F	3 41 55·31
Dec. 2	M	55·51
8	M	55·19
Lacaille 1242.		
Jan. 15	C	3 42 0·15
Nov. 30	M	0·01
Dec. 11	M	0·12
Lacaille 1257.		
Jan. 23	C	3 43 27·33
Dec. 3	I	27·82
10	I	27·39
Lacaille 1262.		
Jan. 16	M	3 45 1·65
Dec. 4	M	1·09
8	M	0·98
Lacaille 1266.		
Nov. 22	M	3 45 47·46
26	M	47·73
Dec. 2	M	47·57

Day.	Observer.	h. m. s.
Lacaille 1289.		
Jan. 14	F	3 48 41·23
15	C	41·34
Nov. 10	M	41·25
Lacaille {1300. 1303.}		
Jan. 11	C	3 50 21·16
12	M	21·34
Nov. 30	M	21·05
Dec. 8	M	20·89
9	S	21·09
Lacaille 1305.		
Jan. 20	C	3 50 45·45
23	C	45·65
Dec. 4	M	45·29
γ^1 Eridani.		
May 31	M	3 52 11·75
June 25	M	11·86
28	M	11·86
Nov. 10	M	11·81
22	M	11·68
26	M	11·76
Dec. 2	M	11·84
13	M	11·74
17	I	11·80
20	M	11·67
31	F	11·84
Lacaille 1321.		
Dec. 3	I	3 53 16·45
10	I	16·62
11	M	16·48
Lacaille 1327.		
Jan. 15	C	3 54 26·91
Nov. 30	M	26·73
Dec. 8	M	26·61

Day.	Observer.	h. m. s.
Lacaille 1330.		
Dec. 4	M	3 56 1·89
13	M	1·90
16	M	1·91
Lacaille 1338.		
Jan. 23	C	3 56 46·23
Dec. 20	M	45·95
21	F	46·15
25	M	46·25
Lacaille 1335.		
Jan. 16	M	3 56 51·88
20	C	51·67
Dec. 11	M	51·57
Lacaille 1349.		
Nov. 29	I	3 58 7·21
Dec. 17	I	7·25
22	I	7·10
Lacaille 1347.		
Dec. 3	I	3 58 19·46
18	S	19·54
24	F	19·51
Lacaille 1351.		
Nov. 30	M	3 59 1·43
Dec. 25	M	1·39
27	M	1·33
Lacaille 1357.		
Jan. 11	C	3 59 5·53
15	C	5·50
Dec. 28	F	5·45

Day.	Observer.	h. m. s.
Lacaille 1355.		
Dec. 9	S	3 59 16·78
20	M	16·50
29	S	w=½ 17·10
Lacaille 1359.		
Dec. 11	M	4 0 14·19
27	M	14·12
31	F	14·37
Lacaille 1364.		
Dec. 10	I	4 0 24·85
22	I	24·75
30	M	24·87
*** N.P.D. 149° 52′.**		
Dec. 16	M	4 0 37·36
28	F	36·96
Lacaille 1365.		
Dec. 13	M	4 0 38·39
21	F	38·61
28	F	38·55
Lacaille 1363.		
Dec. 4	M	4 1 1·12
24	F	1·27
Lacaille 1375.		
Jan. 23	C	4 3 7·28
Lacaille 1378.		
Jan. 20	C	4 4 0·73

Day.	Observer.	h. m. s.
Lacaille 1386.		
Nov. 30	M	4 5 30·25
Dec. 3	I	30·41
13	M	30·23
o¹ Eridani.		
Jan. 14	F	4 5 45·85
15	C	45·87
Nov. 26	M	45·89
Dec. 16	M	45·67
Lacaille 1392.		
Dec. 2	M	4 6 0·25
4	M	0·06
11	M	0·25
Lacaille 1403.		
Jan. 16	M	4 8 18·61
23	C	18·49
26	I	18·50
Lacaille 1413.		
Jan. 11	C	4 11 15·48
12	M	15·60
Nov. 30	M	15·37
Lacaille 1412.		
Jan. 14	F	4 11 30·85
15	C	30·72
Dec. 2	M	30·79
Lacaille 1423.		
Jan. 16	M	4 12 49·20
20	C	48·82
Dec. 4	M	48·90

Lacaille 1378, Jan. 20.—Very bad definition.

Day.	Observer.	h. m. s.
Lacaille 1425.		
Nov. 29	I	4 13 9·81
Dec. 3	I	9·70
11	M	9·62
Lacaille 1428.		
Jan. 22	F	4 14 19·72
23	C	19·80
Dec. 13	M	19·59
Lacaille 1430.		
Nov. 30	M	4 14 27·88
Dec. 8	M	27·52
16	M	27·73
Lacaille 1432.		
Jan. 11	C	4 15 20·82
26	I	21·07
Dec. 17	I	21·03
Lacaille 1439.		
Dec. 2	M	4 15 29·28
10	I	29·15
20	M	28·79
Lacaille 1443.		
Jan. 20	C	4 16 16·29
27	F	16·83
Dec. 13	M	16·23
16	M	16·29
Lacaille 1457.		
Jan. 16	M	4 18 55·73
30	F	55·67
Dec. 4	M	55·40
Lacaille 1456.		
Jan. 14	F	4 19 49·23
22	F	49·35
Dec. 8	M	48·89
Lacaille 1473.		
Jan. 11	C	4 20 32·48
23	C	32·52
Dec. 11	M	32·32
ε Tauri.		
Jan. 19	F	4 21 19·14
26	I	19·18
Nov. 30	M	19·07
Lacaille 1476.		
Jan. 25	M	4 21 41·05
Dec. 16	M	40·51
20	M	40·45
Lacaille 1469.		
Jan. 27	F	4 21 41·27
Dec. 3	I	41·22
13	M	41·11
*** N.P.D. 147° 21′.**		
Jan. 20	C	4 21 45·24
Dec. 18	S	45·38
22	I	45·32
25	M	45·20
Lacaille 1475.		
Jan. 20	C	4 21 45·92
Dec. 17	I	46·33
18	S	46·14
Lacaille 1496.		
Jan. 21	M	4 23 21·34
26	I	21·44
Lacaille 1490.		
Jan. 16	M	4 23 53·72
19	F	53·61
Dec. 4	M	53·41
Lacaille 1510.		
Jan. 30	F	4 24 2·78
Dec. 8	M	2·53
16	M	2·48
Lacaille 1519.		
Jan. 11	C	4 25 42·79
12	M	42·75
23	C	42·71
Lacaille 1523.		
Jan. 14	F	4 26 18·94
20	C	18·96
Dec. 11	M	18·86
Lacaille 1520.		
Jan. 22	F	4 26 53·65
25	M	53·84
Dec. 13	M	53·59
α Tauri.		
Jan. 27	F	4 28 44·93
Feb. 1	I	44·94
24	M	44·78
July 1	M	44·91
Nov. 30	M	44·98
Dec. 2	M	44·69
8	M	45·00

Lacaille 1443. Double Star.—Observed as one mass.

Day.	Observer.	h. m. s.
a Tauri—*Continued.*		
Dec. 10	I	4 28 44·89
11	M	45·18
20	M	45·09
21	F	44·92
25	M	45·09
Lacaille 1535.		
Jan. 21	M	4 29 25·90
30	F	25·77
Dec. 4	M	25·55
Lacaille 1536.		
Jan. 16	M	4 30 6·65
19	F	6·37
26	I	6·65
29	M	6·45
Lacaille 1542.		
Dec. 16	M	4 30 14·21
17	I	14·63
18	S	14·48
Lacaille 1539.		
Jan. 23	C	4 31 17·86
Dec. 8	M	17·64
11	M	17·73
Lacaille 1551.		
Jan. 14	F	4 32 15·84
20	C	15·69
Dec. 10	I	15·90
Lacaille 1546.		
Jan. 22	F	4 32 45·79
Nov. 30	M	45·49
Dec. 4	M	45·61
Lacaille 1554.		
Dec. 16	M	4 32 48·39
20	M	48·14
21	F	48·42
Lacaille 1567.		
Jan. 12	M	4 35 18·53
19	F	18·31
29	M	18·41
Lacaille 1566.		
Jan. 16	M	4 35 57·10
25	M	57·30
Dec. 8	M	56·99
Lacaille 1839.		
Jan. 27	F	4 36 20·89
Lacaille 1573.		
Jan. 21	M	4 36 51·25
26	I	51·15
Dec. 11	M	50·97
Lacaille 1582.		
Jan. 30	F	4 37 25·87
Feb. 1	I	25·91
Dec. 13	M	25·59
Lacaille 1583.		
Jan. 15	C	4 38 14·68
20	C	14·75
23	C	14·89
Lacaille 1581.		
Jan. 22	F	4 38 18·25
Dec. 3	I	17·84
17	I	18·21
Lacaille 1588.		
Jan. 27	F	4 39 19·50
29	M	19·48
Dec. 16	M	19·30
Lacaille 1591.		
Jan. 13	S	4 39 40·84
19	F	40·66
Dec. 4	M	40·82
* N.P.D 153° 27′.		
Jan. 12	M	4 41 10·26
Lacaille 1614.		
Jan. 14	F	4 42 28·26
16	M	28·27
Feb. 5	I	28·49
Lacaille 1612.		
Jan. 21	M	4 42 32·64
25	M	32·81
26	I	32·61
Lacaille 1629.		
Jan. 15	C	4 43 48·85
20	C	48·56
Feb. 1	I	49·06
Lacaille 1623.		
Jan. 22	F	4 44 27·19
29	M	27·01
Dec. 8	M	26·82
Lacaille 1636.		
Jan. 19	F	4 44 53·98
23	C	54·19
Dec. 16	M	53·96

Day.	Observer.	h. m. s.
Lacaille 1632.		
Jan. 30	F	4 45 8·85
Dec. 10	I	8·89
20	M	8·63
Lacaille 1634.		
Dec. 3	I	4 45 9·89
11	M	9·64
21	F	9·78
Lacaille 1638.		
Dec. 4	M	4 45 49·62
18	S	49·83
29	S	49·74
Lacaille 1635.		
Dec. 13	M	4 45 50·68
22	I	50·72
24	F	50·85
Lacaille 1640.		
Jan. 16	M	4 46 43·42
25	M	43·54
Dec. 25	M	w=½ 43·06
30	M	43·35
Lacaille 1649.		
Jan. 14	F	4 47 2·10
Dec. 17	I	2·14
20	M	1·91
Lacaille 1655.		
Jan. 27	F	4 47 2·47
Dec. 8	M	2·25
16	M	2·25

Day.	Observer.	h. m. s.
Lacaille 1656.		
Jan. 12	M	4 48 6·67
13	S	6·41
21	M	6·66
ι Aurigæ.		
Dec. 25	M	4 48 51·34
Lacaille 1661.		
Jan. 15	C	4 49 58·92
19	F	58·82
22	F	59·05
Lacaille 1680.		
Jan. 30	F	4 50 55·61
Dec. 20	M	55·15
21	F	55·36
Lacaille 1670.		
Jan. 16	M	4 51 22·77
20	C	22·47
23	C	22·75
26	I	22·76
*** N.P.D. 151°·35′.**		
Feb. 12	C	4 51 27·82
Dec. 13	M	27·40
16	M	27·45
Lacaille 1679.		
Jan. 25	M	4 52 50·32
29	M	50·03
Dec. 8	M	49·96

Day.	Observer.	h. m. s.
Lacaille 1683.		
Jan. 12	M	4 53 55·21
21	M	55·23
Dec. 4	M	54·88
10	I	54·93
22	I	55·18
Lacaille 1816.		
Mar. 19	F	S.P. 4 53 57·79
Apr. 5	M	S.P. 57·11
*** N.P.D. 151° 17′.**		
Dec. 30	M	4 54 26·78
Lacaille 1689.		
Jan. 27	F	4 54 30·80
Dec. 20	M	30·53
25	M	30·57
Lacaille 1696.		
Jan. 14	F	4 55 2·08
15	C	2·11
Dec. 17	I	2·04
Lacaille 1708.		
Jan. 16	M	4 55 52·64
Dec. 21	F	52·36
27	M	w=¼ 51·94
Lacaille 1709.		
Jan. 30	F	4 55 58·39
Dec. 11	M	58·14
13	M	58·03
16	M	58·05

Day.	Observer.	h. m. s.
Lacaille 1706.		
Jan. 22	F	4 57 24·94
Dec. 18	S	24·64
29	S	24·52
30	M	24·74
Lacaille 1716.		
Jan. 20	C	4 58 4·34
23	C	4·57
26	F	4·49
Lacaille 1729.		
Jan. 25	M	4 59 45·96
29	M	45·82
Feb. 3	M	45·86
Lacaille 1725.		
Jan. 30	F	4 59 55·03
Feb. 12	C	55·16
Dec. 13	M	54·85
ε Leporis.		
Jan. 19	F	5 0 10·06
21	M	10·12
22	F	10·16
Feb. 10	I	10·12
17	C	10·15
Dec. 10	I	10·12
31	F	10·15
Lacaille 1730.		
Jan. 14	F	5 1 27·14
15	C	27·04
Dec. 4	M	26·90
Lacaille 1734.		
Dec. 11	M	5 2 13·34
20	M	12·87
25	M	12·87

Day.	Observer.	h. m. s.
Lacaille 1736.		
Jan. 16	M	5 2 36·05
21	M	36·12
Dec. 8	M	35·74
Lacaille 1742.		
Jan. 19	F	5 2 43·30
Dec. 22	I	43·14
Lacaille 1739.		
Dec. 16	M	5 3 3·05
18	S	3·40
21	F	3·20
Lacaille 1741.		
Feb. 5	I	5 3 11·69
Dec. 27	M	11·33
31	F	11·51
Lacaille 1744.		
Dec. 17	I	5 3 22·33
29	S	21·94
30	M	21·99
Lacaille 1756.		
Feb. 17	C	5 4 3·03
Dec. 4	M	2·65
13	M	2·82
Lacaille 1757.		
Jan. 20	C	5 5 1·14
25	M	1·65
29	M	1·28
Lacaille 1751.		
Jan. 22	F	5 5 3·75
26	I	3·58
Feb. 3	M	3·78

Day.	Observer.	h. m. s.
Lacaille 1766.		
Dec. 16	M	5 5 52·76
22	I	52·85
27	M	52·62
Lacaille 1761.		
Jan. 30	F	5 6 16·42
Dec. 20	M	16·16
25	M	16·05
Lacaille 1772.		
Jan. 15	C	5 6 35·42
Feb. 12	C	35·69
17	C	35·35
β Orionis.		
Jan. 14	F	5 8 31·88
19	F	31·85
26	I	31·83
27	F	31·81
Feb. 10	I	31·88
June 1	M	31·78
25	M	31·82
28	M	31·89
Dec. 4	M	31·86
8	M	31·72
11	M	31·75
13	M	31·65
30	M	31·82
Lacaille 1789.		
Jan. 12	M	5 8 45·03
16	M	45·08
21	M	45·06
Lacaille 1794.		
Jan. 19	F	5 11 1·91
22	F	2·11
23	C	2·19

Day.	Observer.	h. m. s.
Lacaille 1801.		
Jan. 14	F	5 11 33·61
20	C	33·36
25	M	33·94
Lacaille 1921.		
Mar. 19	F	S.P. 5 13 10·52
β Tauri.		
Feb. 1	I	5 18 23·49
6	M	23·47
11	M	23·36
17	C	23·42
Dec. 25	M	23·38
27	M	23·40
Lacaille 1837.		
Jan. 12	M	5 18 26·39
15	C	26·30
21	M	26·34
Lacaille 1845.		
Jan. 19	F	5 18 57·32
25	M	57·70
29	M	57·51
Lacaille 1851.		
Jan. 20	C	5 18 58·74
22	F	59·07
26	I	59·20
Lacaille 1841.		
Jan. 14	F	5 18 59·83
16	M	59·87
23	C	60·02

Day.	Observer.	h. m. s.
*** N.P.D. 148° 14′.**		
Feb. 13	F	5 19 15·10
Lacaille 1853.		
Jan. 27	F	5 20 4·08
30	F	4·18
Feb. 1	I	4·09
Lacaille 1866.		
Feb. 3	M	5 20 14·35
6	M	14·37
12	C	14·39
Lacaille 1871.		
Feb. 5	I	5 20 21·70
10	I	21·92
Lacaille 1858.		
Feb. 9	F	5 20 41·80
11	M	42·05
17	C	42·10
*** N.P.D. 148° 12′.**		
Feb. 4	F	5 22 1·86
13	F	1·71
26	F	2·05
Lacaille 1873.		
Feb. 25	I	5 22 53·59
27	M	53·38
Dec. 4	M	53·42
Lacaille 1879.		
Jan. 21	M	5 23 41·06
23	C	40·99
29	M	40·88

Day.	Observer.	h. m. s.
Lacaille 1882.		
Jan. 16	M	5 24 10·70
19	F	10·52
26	F	10·69
Lacaille 1885.		
Jan. 13	S	5 24 29·83
14	F	29·65
Feb. 3	M	29·90
δ Orionis.		
Jan. 15	C	5 25 37·28
20	C	37·20
23	C	37·26
Dec. 4	M	37·34
17	I	37·20
25	M	37·12
27	M	37·26
Lacaille 1898.		
Jan. 22	F	5 26 1·66
Feb. 6	M	1·79
10	I	1·86
Lacaille 1897.		
Jan. 27	F	5 26 9·56
Feb. 1	I	9·53
11	M	9·52
α Leporis.		
Jan. 15	C	5 27 13·03
20	C	12·92
21	M	13·00
23	C	12·98
Dec. 4	M	12·83

Day.	Observer.	h. m. s.
Lacaille 1908.		
Feb. 5	I	5 28 9·30
9	F	9·06
12	C	9·37
Lacaille 1907.		
Jan. 30	F	5 28 38·43
Feb. 3	M	38·39
17	C	38·32
Lacaille 1922.		
Jan. 27	F	5 29 30·95
Feb. 6	M	31·02
11	M	30·98
ε Orionis.		
Jan. 15	C	5 29 52·25
20	C	52·28
21	M	52·27
23	C	52·31
26	I	52·22
Feb. 16	M	52·28
Dec. 4	M	52·31
25	M	52·23
27	M	52·30
Lacaille 1929.		
Jan. 22	F	5 31 14·91
Feb. 13	F	14·77
25	I	14·96
Lacaille 1923.		
Jan. 16	M	5 31 15·84
Feb. 4	F	15·77
15	I	15·89

Day.	Observer.	h. m. s.
Lacaille 1932.		
Jan. 25	M	5 31 26·81
Feb. 8	M	26·66
26	F	26·95
Lacaille 1942.		
Feb. 9	F	5 32 1·16
24	M	1·24
27	M	1·30
Lacaille 1949.		
Jan. 29	M	5 32 18·79
Feb. 16	M	19·06
28	F	18·77
Lacaille 1948.		
Feb. 3	M	5 32 32·64
10	I	32·52
Mar. 1	I	32·61
Lacaille 1947.		
Feb. 5	I	5 32 14·31
12	C	14·42
17	C	14·21
Lacaille 1958.		
Jan. 30	F	5 33 40·73
Feb. 1	I	40·89
6	M	40·89
Lacaille 1957.		
Jan. 21	M	5 34 18·54
26	I	18·38
Feb. 11	M	18·38

Day.	Observer.	h. m. s.
Lacaille 1959.		
Jan. 23	C	5 34 39·29
27	F	39·31
Feb. 13	F	39·19
***a* Columbæ.**		
Jan. 15	C	5 35 7·33
Lacaille 1971.		
Jan. 16	M	5 36 30·64
19	F	30·55
20	C	30·47
Lacaille 1975.		
Jan. 22	F	5 37 19·60
25	M	19·98
29	M	19·62
*** N.P.D. 146° 17′.**		
Feb. 3	M	5 38 15·47
Lacaille 1983.		
Feb. 5	I	5 39 25·68
6	M	25·74
8	M	25·48
9	F	25·46
Mar. 1	I	25·82
*** N.P.D. 146° 19′.**		
Jan. 27	F	5 40 43·02
Feb. 26	F	42·95
Lacaille 2009.		
Jan. 14	F	5 40 59·43
15	C	59·41
23	C	59·32

Day.	Observer.	h. m. s.
ε Orionis.		
Feb. 17	C	5 41 49·67
Lacaille 2004.		
Jan. 16	M	5 41 54·21
19	F	53·95
29	M	54·21
Feb. 4	F	54·13
12	C	54·16
Dec. 13	M	54·50
Lacaille 2010.		
Jan. 21	M	5 42 12·34
26	I	12·23
Feb. 3	M	12·20
Lacaille 2012.		
Feb. 10	I	5 42 56·22
Dec. 16	M	55·81
25	M	55·83
Lacaille 2014.		
Jan. 20	C	5 43 10·01
22	F	10·04
30	F	10·23
Feb. 8	M	10·03
Lacaille 2025.		
Jan. 25	M	5 44 5·90
Feb. 5	I	5·87
6	M	5·85
Lacaille 2053.		
Jan. 16	M	5 47 33·48
21	M	33·48
23	C	33·29
Lacaille 2055.		
Jan. 29	M	5 47 46·85
Feb. 3	M	47·23
4	F	47·05
Lacaille 2056.		
Jan. 20	C	5 47 49·33
22	F	49·55
26	I	49·55
*** N.P.D. 145° 5′.**		
Jan. 29	M	5 47 51·23
Feb. 3	M	51·51
4	F	51·29
α Orionis.		
Jan. 14	F	5 48 24·26
19	F	24·23
Feb. 6	M	24·33
10	I	24·26
18	M	24·29
20	M	24·34
Dec. 31	F	24·31
Lacaille 2077.		
Jan. 15	C	5 50 5·38
23	C	5·31
25	M	5·66
Feb. 15	I	5·81
16	M	5·69
Lacaille 2080.		
Jan. 19	F	5 50 14·43
Feb. 6	M	14·58
13	F	14·46
Lacaille 2083.		
Jan. 30	F	5 50 29·58
Feb. 9	F	29·68
11	M	29·57
*** N.P.D. 147° 54′.**		
Jan. 30	F	5 50 32·65
Feb. 11	M	32·60
Lacaille 2091.		
Jan. 27	F	5 50 42·08
Feb. 1	I	42·33
12	C	42·18
Lacaille 2095.		
Jan. 16	M	5 52 30·79
20	C	30·39
Feb. 17	C	30·63
Lacaille 2106.		
Jan. 21	M	5 53 8·90
26	I	8·72
Feb. 18	M	8·87
Lacaille 2102.		
Jan. 22	F	5 53 16·85
Feb. 16	M	17·10
20	M	17·02
Lacaille 2113.		
Feb. 23	M	5 53 38·37
24	M	38·09
26	F	37·92

Day.	Observer.	h. m. s.
* N.P.D. 146° 32′.		
Jan. 23	C	5 53 38·99
Mar. 1	I	38·92
3	F	38·79
4	I	38·89
5	M	38·96
Lacaille 2100.		
Jan. 23	C	5 53 44·06
Feb. 4	F	43·84
25	I	44·01
27	M	43·88
Mar. 4	I	44·01
Lacaille 2296.		
Jan. 30	F	5 54 27·45
1 Geminorum.		
Feb. 6	M	5 56 31·33
* N.P.D. 150° 29′.		
Feb. 9	F	5 58 10·66
Mar. 3	F	10·79
Dec. 31	F	10·71
Lacaille 2133.		
Jan. 25	M	5 58 40·11
26	I	39·91
Feb. 1	I	40·18
* N.P.D. 150° 29′.		
Mar. 3	F	5 58 58·15
Dec. 31	F	58·08
Lacaille 2147.		
Feb. 3	M	5 59 31·07
6	M	31·10
8	M	31·02

Day.	Observer.	h. m. s.
Lacaille 2139.		
Jan. 27	F	5 59 34·65
29	M	34·58
Feb. 11	M	34·69
Lacaille 2146.		
Feb. 9	F	5 59 45·30
12	C	45·61
17	C	45·27
* N.P.D. 147° 2′.		
Mar. 2	M	6 0 4·30
ν Orionis.		
Jan. 22	F	6 0 26·13
Feb. 24	M	26·16
Dec. 21	F	26·06
Lacaille 2155.		
Jan. 20	C	6 0 35·38
Feb. 13	F	35·45
16	M	35·71
* N.P.D. 146° 56′.		
Mar. 1	I	6 0 35·45
4	I	35·61
5	M	35·68
Lacaille 2175.		
Feb. 18	M	6 1 26·69
20	M	26·60
23	M	26·92
Lacaille 2169.		
Jan. 25	M	6 2 52·65
Feb. 1	I	52·60
3	M	52·51

Day.	Observer.	h. m. s.
Lacaille 2187.		
Jan. 26	I	6 5 17·04
27	F	16·95
Feb. 6	M	17·07
Lacaille 2201.		
Feb. 12	C	6 7 51·98
17	C	w=½ 51·49
18	M	52·15
26	F	51·89
Lacaille 2205.		
Feb. 27	M	6 8 11·06
Mar. 2	M	11·08
Dec. 16	M	10·74
25	M	10·51
* N.P.D. 155° 4′.		
Feb. 23	M	6 8 37·50
Dec. 26	C	36·99
27	M	36·90
Lacaille 2215.		
Jan. 22	F	6 9 35·76
25	M	35·72
29	M	35·83
Feb. 11	M	35·80
Lacaille 2224.		
Jan. 22	F	6 11 14·67
25	M	14·99
26	I	14·88
Lacaille 2222.		
Jan. 27	F	6 11 32·19
Feb. 1	I	32·21
3	M	32·44

Day.	Observer.	h. m. s.
✱ N.P.D. 155° 30′.		
Dec. 31	F	6 11 34·12
Brisbane 1201.		
Dec. 25	M	6 11 53·05
26	C	53·01
31	F	52·91
✱ N.P.D. 155° 30′.		
Dec. 26	C	6 11 55·86
27	M	56·03
✱ N.P.D. 149° 10′.		
Feb. 3	M	6 14 30·29
6	M	30·31
12	C	30·27
Lacaille 2242.		
Feb. 3	M	6 14 35·11
6	M	34·86
12	C	34·84
Lacaille 2239.		
Feb. 23	M	6 14 42·73
24	M	42·45
26	F	42·37
μ Geminorum.		
Jan. 26	I	6 15 23·91
Feb. 20	M	24·02
Dec. 16	M	23·94
✱ N.P.D. 146° 57′.		
Feb. 28	F	6 16 21·02
Mar. 1	I	21·08
2	M	21·14

Day.	Observer.	h. m. s.
Lacaille 2273.		
Jan. 25	M	6 17 7·44
Feb. 5	I	7·28
11	M	7·56
Lacaille 2282.		
Jan. 27	F	6 18 40·11
29	M	39·95
Feb. 16	M	40·22
Lacaille 2286.		
Jan. 26	I	6 18 52·38
30	F	52·27
Feb. 17	C	52·10
Lacaille 2280.		
Feb. 6	M	6 19 26·64
18	M	26·59
20	M	26·75
Lacaille 2289.		
Feb. 23	M	6 19 49·42
24	M	49·35
25	I	49·43
Lacaille 2292.		
Feb. 6	M	6 20 42·13
18	M	42·12
20	M	42·22
Lacaille 2301.		
Feb. 12	C	6 20 57·35
27	M	57·31
Mar. 5	M	57·59

Day.	Observer.	h. m. s.
Lacaille 2303.		
Feb. 3	M	6 21 54·17
28	F	54·07
Mar. 8	M	54·33
Lacaille 2312.		
Mar. 2	M	6 22 13·40
3	F	13·31
11	M	13·20
B.A.C. 2097.		
Feb. 15	I	6 22 28·78
Lacaille 2311.		
Feb. 23	M	6 22 41·32
24	M	41·16
Mar. 4	I	41·29
Lacaille 2321.		
Jan. 25	M	6 23 34·46
Feb. 8	M	$w = \frac{1}{2}$ 33·88
11	M	34·20
Lacaille 2329.		
Jan. 27	F	6 24 9·26
29	M	9·26
Feb. 2	C	9·50
Lacaille 2328.		
Feb. 26	F	6 25 5·49
28	F	5·38
Mar. 5	M	5·57

Day.	Observer.	h. m. s.
Lacaille 2336.		
Jan. 26	I	6 25 44·24
Feb. 3	M	44·25
4	F	44·16
5	I	44·21
Lacaille 2335.		
Jan. 30	F	6 26 26·45
Feb. 13	F	26·40
18	M	26·54
Lacaille 2339.		
Feb. 6	M	6 26 36·23
16	M	36·43
20	M	36·31
Lacaille 2348.		
Feb. 12	C	6 26 38·20
25	I	38·20
Mar. 1	I	38·03
Lacaille 2343.		
Feb. 9	F	6 27 18·29
27	M	18·53
Mar. 2	M	18·49
49 Aurigæ.		
Feb. 15	I	6 27 19·77
Lacaille 2356.		
Feb. 6	M	6 28 13·09
17	C	13·02
24	M	13·21
Lacaille 2377.		
Jan. 25	M	6 29 56·25
Feb. 3	M	56·07
16	M	56·28

Day.	Observer.	h. m. s.
Lacaille 2373.		
Jan. 27	F	6 30 6·62
Feb. 13	F	6·49
23	M	6·90
γ Geminorum.		
Jan. 29	M	6 30 29·41
Feb. 10	I	29·37
11	M	29·53
Mar. 5	M	29·53
30	M	29·42
Lacaille 2389.		
Feb. 8	M	6 31 30·38
12	C	30·66
18	M	30·79
Lacaille 2401.		
Feb. 2	C	6 33 13·08
9	F	12·79
11	M	13·08
Lacaille 2394.		
Feb. 20	M	6 33 34·68
26	F	34·57
Mar. 3	F	34·57
Lacaille 2407.		
Feb. 24	M	6 33 44·85
Mar. 2	M	44·91
5	M	44·82
Lacaille 2410.		
Feb. 27	M	6 33 50·36
Mar. 1	I	50·59
4	I	50·69

Day.	Observer.	h. m. s.
Lacaille 2406.		
Jan. 29	M	6 34 21·45
Feb. 13	F	21·44
23	M	21·69
Lacaille 2408.		
Jan. 21	M	6 35 10·38
25	M	10·39
Feb. 3	M	10·34
Lacaille 2416.		
Feb. 1	I	6 35 28·66
6	M	28·65
16	M	28·84
Lacaille 2425.		
Feb. 10	I	6 36 29·36
18	M	29·30
Mar. 3	F	29·16
Lacaille 2432.		
Feb. 9	F	6 36 40·03
26	F	40·19
Mar. 8	M	40·30
Lacaille 2433.		
Feb. 17	C	6 37 1·31
24	M	1·46
25	I	1·55
Lacaille 2445.		
Jan. 11	C	6 38 32·41
Feb. 11	M	32·68
Lacaille 2452.		
Jan. 29	M	6 40 30·10
Feb. 3	M	30·11
6	M	30·04

Day.	Observer.	h. m. s.
Lacaille 2458.		
Feb. 2	C	6 40 55·99
13	F	55·81
16	M	56·03
Lacaille 2468.		
Feb. 18	M	6 41 10·07
20	M	9·83
23	M	9·91
Lacaille 2487.		
Jan. 21	M	6 43 18·05
Feb. 1	I	18·06
8	M	17·97
Lacaille 2490.		
Jan. 29	M	6 44 52·53
Feb. 3	M	52·67
10	I	52·48
Lacaille 2509.		
Feb. 9	F	6 46 9·40
11	M	9·56
16	M	9·67
Lacaille 2514.		
Feb. 12	C	6 46 37·79
13	F	37·61
17	C	37·60
Lacaille 2525.		
Feb. 6	M	6 46 54·58
15	I	54·47
20	M	54·57

Day.	Observer.	h. m s.
Lacaille 2523.		
Feb. 2	C	6 47 38·98
18	M	39·01
23	M	39·20
Lacaille 2532.		
Jan. 11	C	6 48 21·52
12	M	21·54
Feb. 1	I	21·89
*** N.P.D. 146° 21′.**		
Feb. 13	F	6 49 52·43
Mar. 1	I	52·69
Lacaille 2542.		
Feb. 3	M	6 49 54·67
13	F	54·44
16	M	54·84
Lacaille 2552.		
Feb. 6	M	6 50 55·45
10	I	55·31
11	M	55·50
Lacaille 2574.		
Jan. 13	S	6 53 38·08
15	C	37·98
19	F	38·05
ε Canis Majoris.		
Jan. 23	C	6 53 42·66
Feb. 25	I	42·74
Mar. 11	M	42·67
June 26	M	42·81

Day.	Observer.	h. m. s.
Lacaille 2585.		
Jan. 11	C	6 54 13·11
12	M	13·19
Feb. 2	C	13·31
Lacaille 2591.		
Feb. 9	F	6 54 46·35
15	I	46·49
17	C	46·39
Lacaille 2587.		
Feb. 3	M	6 55 0·98
12	C	0·99
16	M	1·13
Lacaille 2594.		
Feb. 12	C	6 56 13·58
20	M	13·49
24	M	13·40
Lacaille 2598.		
Jan. 30	F	6 56 15·34
Feb. 13	F	15·39
Mar. 2	M	15·57
Lacaille 2606.		
Feb. 6	M	6 57 53·62
23	M	53·60
Mar. 1	I	53·58
γ Canis Majoris.		
Jan. 14	F	6 58 6·12
Feb. 1	I	6·19
18	M	6·14
Mar. 11	M	6·19

Day.	Observer.	h. m. s.
Lacaille 2613.		
Feb. 25	I	6 58 32·27
26	F	31·97
Mar. 4	I	32·31
Lacaille 2619.		
Feb. 24	M	6 58 32·90
27	M	32·92
Mar. 5	M	33·08
Lacaille 2621.		
Jan. 22	F	6 59 8·84
23	C	8·89
Feb. 16	M	9·11
Lacaille 2620.		
Feb. 9	F	6 59 26·75
17	C	26·81
18	M	27·10
Lacaille 2635.		
Jan. 20	C	7 1 2·71
29	M	2·73
Feb. 2	C	2·92
Lacaille 2632.		
Jan. 15	C	7 1 4·51
19	F	4·47
Feb. 11	M	4·69
Lacaille 2640.		
Jan. 13	S	7 1 19·72
14	F	19·92
Feb. 3	M	20·02

Day.	Observer.	h. m. s.
* N.P.D. 147° 18′.		
Jan. 19	F	7 1 36·49
Mar. 8	M	36·84
11	M	36·52
Lacaille 2642.		
Jan. 30	F	7 1 58·46
Feb. 13	F	58·45
15	I	58·47
Lacaille 2662.		
Feb. 1	I	7 3 19·99
6	M	20·05
10	I	19·92
Lacaille 2667.		
Jan. 22	F	7 5 25·34
23	C	25·30
Feb. 3	M	25·47
Lacaille 2669.		
Feb. 16	M	7 5 51·54
18	M	51·42
23	M	51·65
Lacaille 2678.		
Jan. 29	M	7 6 21·64
Feb. 11	M	21·94
17	C	21·67
Lacaille 2680.		
Feb. 9	F	7 6 48·98
12	C	49·04
15	I	48·98

Day.	Observer.	h. m. s.
* N.P.D. 146° 9′.		
Feb. 9	F	7 6 51·80
12	C	51·90
15	I	51·97
* N.P.D. 146° 9′.		
Feb. 9	F	7 7 24·33
12	C	24·54
Lacaille 2692.		
Jan. 15	C	7 7 40·46
30	F	40·64
Feb. 2	C	40·74
* N.P.D. 145° 22′.		
Jan. 19	F	7 7 51·57
20	C	51·42
Feb. 6	M	51·85
Lacaille 2685.		
Jan. 19	F	7 7 52·12
20	C	52·12
Feb. 6	M	52·48
Lacaille 2722.		
Jan. 13	S	7 9 18·24
Feb. 1	I	18·42
10	I	18·54
Lacaille 2702.		
Jan. 22	F	7 9 28·06
29	M	28·05
Feb. 13	F	28·12

Day.	Observer.	h. m. s.
Lacaille 2717.		
Feb. 18	M	7 10 30·64
23	M	30·90
27	M	30·64
Mar. 2	M	30·88
Lacaille 2735.		
Feb. 11	M	7 10 51·15
25	I	51·24
Mar. 1	I	51·18
Lacaille 2755.		
Feb. 24	M	7 12 28·80
26	F	28·60
Mar. 8	M	28·69
δ Geminorum.		
Jan. 15	C	7 12 39·34
Feb. 16	M	39·36
17	C	39·35
Mar. 13	C	39·43
16	I	39·27
Lacaille 2750.		
Jan. 14	F	7 12 45·85
23	C	45·87
Mar. 11	M	45·74
Lacaille 2752.		
Jan. 22	F	7 13 22·98
30	F	23·03
Mar. 12	F	23·05
Lacaille 2782.		
Jan. 20	C	7 15 36·46
29	M	36·44
Feb. 5	I	36·81

Day.	Observer.	h. m. s.
Lacaille 2787.		
Jan. 19	F	7 15 56·84
Feb. 1	I	57·11
6	M	57·10
Lacaille 2770.		
Jan. 27	F	7 16 8·08
Feb. 9	F	8·22
11	M	8·13
Lacaille 2778.		
Feb. 10	I	7 16 50·11
13	F	50·05
15	I	49·90
16	M	50·18
Lacaille 2789.		
Feb. 18	M	7 17 5·40
Mar. 1	I	5·12
15	M	5·13
Lacaille 2791.		
Feb. 23	M	7 17 14·70
26	F	14·40
27	M	14·45
Mar. 13	C	14·45
Lacaille 2805.		
Feb. 24	M	7 17 27·90
Mar. 2	M	27·70
16	I	27·83
Lacaille 2804.		
Feb. 25	I	7 17 52·63
Mar. 8	M	52·53
17	F	52·33

Day.	Observer.	h. m. s.
La caille 2798.		
Jan. 14	F	7 17 53·91
Mar. 11	M	53·84
20	F	53·91
Lacaille 2806.		
Jan. 23	C	7 18 31·97
Feb. 12	C	32·09
17	C	32·03
Lacaille 2808.		
Jan. 22	F	7 19 16·89
Feb. 2	C	17·08
Mar. 12	F	16·98
Lacaille 2818.		
Jan. 30	F	7 20 10·21
Feb. 6	M	10·24
16	M	10·28
Lacaille 2812.		
Feb. 18	M	7 20 21·68
23	M	21·65
26	F	21·41
β Canis Minoris.		
Mar. 5	M	7 20 22·30
Lacaille 2831.		
Jan. 27	F	7 21 38·46
Feb. 5	I	38·45
10	I	38·44
Lacaille 2827.		
Jan. 19	F	7 22 0·22
Feb. 1	I	0·38
9	F	0·32
13	F	0·28

Day.	Observer.	h. m. s.
Lacaille 2848.		
Jan. 22	F	7 25 54·97
27	F	55·08
Feb. 2	C	55·05
a^2 Geminorum.		
Mar. 13	C	7 26 37·31
Lacaille 2863.		
Jan. 19	F	7 27 34·31
30	F	34·44
Feb. 1	I	34·57
Lacaille 2877.		
Feb. 10	I	7 27 50·08
17	C	49·95
18	M	50·09
Lacaille 2868.		
Feb. 11	M	7 27 52·83
12	C	52·70
16	M	53·01
Lacaille 2872.		
Feb. 20	M	7 28 40·44
25	I	40·54
27	M	40·41
Lacaille 2878.		
Feb. 23	M	7 29 6·50
26	F	6·33
Mar. 1	I	6·39
Lacaille 2901.		
Feb. 2	C	7 30 19·66
5	I	19·38
Mar. 2	M	19·50

Day.	Observer.	h. m. s.
α Canis Minoris.		
Jan. 19	F	7 32 45·53
22	F	45·39
27	F	45·44
Feb. 1	I	45·42
6	M	45·36
11	M	45·36
16	M	45·39
18	M	45·53
20	M	45·37
25	I	45·43
Mar. 5	M	45·26
13	C	45·40
16	I	45·34
20	F	45·38
24	M	45·36
Apr. 2	M	45·26
Lacaille 2911.		
Jan. 23	C	7 33 22·20
Feb. 12	C	22·52
17	C	22·39
Lacaille 2917.		
Feb. 26	F	7 33 36·04
27	M	36·01
Mar. 1	I	35·96
Lacaille 2919.		
Jan. 27	F	7 34 16·07
Feb. 5	I	16·11
11	M	16·17
Lacaille 2930.		
Jan. 16	M	7 35 59·88
19	F	59·46
22	F	59·76

Day.	Observer.	h. m. s.
β Geminorum.		
Jan. 20	C	7 37 39·99
Mar. 24	M	39·84
Apr. 2	M	39·81
Lacaille 2951.		
Feb. 2	C	7 37 57·56
10	I	57·53
16	M	57·70
Lacaille 2959.		
Jan. 30	F	7 38 36·00
Mar. 2	M	36·14
13	C	35·90
Lacaille 2963.		
Mar. 1	I	7 39 9·63
12	F	9·57
19	C	9·53
24	M	9·54
Lacaille 2983.		
Feb. 27	M	7 39 13·02
Mar. 5	M	13·37
16	I	13·28
Lacaille 2970.		
Feb. 20	M	7 39 43·89
Mar. 15	M	43·79
20	F	43·88
Lacaille 2979.		
Jan. 16	M	7 39 52·65
20	C	52·62
23	C	52·52

Day.	Observer.	h. m. s.
Lacaille 2982.		
Jan. 20	C	7 40 3·69
23	C	3·64
Feb. 12	C	3·75
Lacaille 2975.		
Feb. 5	I	7 40 4·36
13	F	4·21
17	C	4·14
Lacaille 2987.		
Jan. 27	F	7 40 25·56
Feb. 18	M	25·88
Mar. 23	F	25·56
Lacaille 2986.		
Mar. 11	M	7 40 31·85
17	F	31·82
25	I	31·92
*** N.P.D 147° 24′.**		
Jan. 22	F	7 42 2·24
Lacaille 3011.		
Jan. 22	F	7 42 58·78
Feb. 16	M	59·00
Mar. 10	I	58·79
*** N.P.D. 148° 38′.**		
Feb. 2	C	7 43 15·26
Lacaille 3034.		
Feb. 10	I	7 44 11·78
20	M	11·55
Mar. 11	M	11·30

Day.	Observer.	h. m. s.
Lacaille 3025.		
Mar. 1	I	7 44 11·77
2	M	11·92
13	C	11·79
Lacaille 3032.		
Feb. 27	M	7 44 33·62
Mar. 5	M	33·60
15	M	33·65
Lacaille 3030.		
Jan. 27	F	7 44 37·05
30	F	37·20
Feb. 2	C	37·13
Lacaille 3036.		
Feb. 13	F	7 45 39·19
Mar. 12	F	39·31
17	F	39·24
Lacaille 3046.		
Jan. 16	M	7 46 25·59
Mar. 16	I	25·61
20	F	25·58
Lacaille 3060.		
Feb. 12	C	7 47 8·92
17	C	8·74
25	I	8·90
Lacaille 3064.		
Jan. 30	F	7 47 47·06
Feb. 16	M	47·18
Mar. 23	F	46·85

Day.	Observer.	h. m. s.
Lacaille 3070.		
Jan. 22	F	7 49 0·27
27	F	0·47
Feb. 2	C	0·44
Lacaille 3092.		
Feb. 10	I	7 50 47·83
20	M	47·92
Mar. 1	I	47·96
Lacaille 3097.		
Feb. 16	M	7 52 18·10
Mar. 8	M	17·93
11	M	17·67
Lacaille 3113.		
Feb. 26	F	7 54 11·98
Mar. 5	M	11·93
15	M	11·86
16	I	11·91
Apr. 3	F	11·92
15	F	11·86
Lacaille 3114.		
Mar. 2	M	7 54 15·06
12	F	15·02
24	M	15·03
Lacaille 3110.		
Feb. 17	C	w=½ 7 54 20·26
Mar. 25	I	20·78
30	M	20·64
Lacaille 3117.		
Feb. 17	C	7 55 6·06
Mar. 13	C	6·00
19	C	5·76
29	F	6·28

Day.	Observer.	h. m. s.
Lacaille 3122.		
Feb. 13	F	7 55 28·22
25	I	28·45
Apr. 2	M	28·19
Brisbane 1855.		
Feb. 10	I	7 55 36·78
Mar. 17	F	36·63
Apr. 4	F	36·93
6 Cancri.		
Jan. 20	C	7 55 50·29
22	F	50·33
27	F	50·26
Feb. 18	M	50·27
20	M	50·21
*** N.P.D. 150° 28′.**		
Mar. 20	F	7 56 4·59
Apr. 11	F	4·66
*** N.P.D. 149° 2′.**		
Feb. 12	C	7 56 23·02
Apr. 5	C	23·11
*** N.P.D. 149° 6′.**		
Feb. 12	C	7 56 26·46
Apr. 5	C	26·67
Lacaille 3134.		
Mar. 20	F	7 56 45·19
Apr. 8	F	45·32
10	M	45·48
11	F	45·30
*** N.P.D 150° 15′.**		
Apr. 12	I	7 57 7·04
16	I	7·09

Day.	Observer.	h. m. s.
Lacaille 3138.		
Mar. 8	M	7 57 28·14
11	M	27·76
Apr. 7	M	28·10
Lacaille 3140.		
Feb. 9	F	7 57 29·19
Mar. 23	F	29·15
Apr. 9	C	29·38
14	C	29·24
Lacaille 3144.		
Feb. 20	M	7 58 36·51
Mar. 12	F	36·42
29	F	36·40
Apr. 4	F	36·50
Lacaille 3154.		
Mar. 2	M	7 58 45·07
24	M	44·93
30	M	45·12
Lacaille 3149.		
Mar. 5	M	7 59 12·65
17	F	12·49
Apr. 2	M	12·65
Lacaille 3150.		
Feb. 13	F	7 59 20·54
Mar. 23	F	20·53
15 Argûs.		
Apr. 7	M	8 2 13·24
July 20	C	13·16
Sept. 28	M	13·21

Day.	Observer.	h. m. s.
*** N.P.D. 152° 29′.**		
Mar. 15	M	8 2 43·38
17	F	43·42
19	C	43·27
20	F	43·45
Lacaille 3175.		
Mar. 8	M	8 2 48·81
11	M	48·51
30	M	48·70
ψ^3 Cancri.		
Jan. 20	C	8 2 55·36
Lacaille 3178.		
Mar. 15	M	8 2 56·02
17	F	55·91
19	C	56·08
20	F	56·11
Lacaille 3196.		
Mar. 12	F	8 4 34·81
13	C	34·88
Apr. 5	C	34·89
Lacaille 3200.		
Feb. 13	F	8 4 56·35
Mar. 16	I	56·55
Apr. 7	M	56·49
Lacaille 3211.		
Mar. 24	M	8 6 3·91
Apr. 3	F	4·09
10	M	4·12

Day.	Observer.	h. m. s.
Lacaille 3216.		
Mar. 25	I	8 6 30·63
Apr. 4	F	30·62
12	I	30·72
Lacaille 3208.		
Mar. 23	F	8 6 38·77
27	C	w=½ 39·32
Apr. 11	F	38·88
14	C	38·78
Lacaille 3224.		
Mar. 30	M	8 6 46·78
Apr. 8	F	46·63
15	F	46·68
Lacaille 3222.		
Mar. 15	M	8 6 55·97
Apr. 9	C	56·23
17	M	56·09
Lacaille 3220.		
Mar. 11	M	8 7 5·43
Apr. 7	M	5·63
16	I	5·64
Lacaille 3235.		
Mar. 20	F	8 7 45·85
31	C	46·11
Apr. 5	C	45·98
A Octantis.		
Jan. 29	M	8 10 32·09
Feb. 2	C	32·18
11	M	31·20
16	M	38·71
17	C	34·37
A Octantis.—*Continued.*		
Feb. 20	M	8 10 35·01
25	I	37·25
Mar. 5	M	36·52
Apr. 29	C	33·03
29	F	S.P. 33·03
Lacaille 3253.		
Feb. 13	F	8 11 36·16
Mar. 13	C	36·14
19	C	36·13
Lacaille 3264.		
Mar. 15	M	8 11 58·68
16	I	58·82
Apr. 3	F	58·71
Lacaille 3265.		
Mar. 8	M	8 13 16·54
20	F	16·46
Apr. 5	C	16·46
*** N.P.D. 149° 40′.**		
Mar. 31	C	8 13 20·65
Apr. 14	C	20·51
18	C	20·68
21	C	20·58
Lacaille 3275.		
Mar. 11	M	8 13 21·92
12	F	22·13
Apr. 9	C	22·34
Lacaille 3278.		
Mar. 23	F	8 14 42·95
25	I	43·02
Apr. 17	M	42·94
Lacaille 3280.		
Mar. 24	M	8 14 43·63
Apr. 8	F	43·75
16	I	44·06
Lacaille 3286.		
Mar. 30	M	8 14 56·19
Apr. 11	F	56·17
20	M	56·17
Lacaille 3297.		
Apr. 4	F	8 15 9·98
10	M	9·98
19	F	9·84
Lacaille 3296.		
Apr. 7	M	8 15 13·12
12	I	13·16
21	C	13·02
Lacaille 3289.		
Apr. 3	F	8 15 22·25
15	F	21·97
18	C	22·39
Lacaille 3294.		
Apr. 5	C	8 15 41·57
9	C	41·69
14	C	41·56
*** N.P.D. 149° 55′.**		
Apr. 5	C	8 15 59·17
9	C	59·40
14	C	59·23

Day.	Observer.	h. m. s.
Lacaille 3303.		
Mar. 8	M	8 17 6·77
15	M	6·84
17	F	6·58
Lacaille 3307.		
Mar. 11	M	8 17 17·13
19	C	17·23
31	C	17·42
*** N.P.D. 149° 42′.**		
Mar. 19	C	8 18 14·90
Lacaille 3315.		
Jan. 21	M	8 18 25·37
Feb. 10	I	25·27
Mar. 13	C	25·23
Lacaille 3320.		
Feb. 13	F	8 18 49·31
Mar. 30	M	49·35
Apr. 11	F	49·37
Lacaille 3330.		
Mar. 20	F	8 19 22·76
24	M	22·59
Apr. 10	M	23·02
Lacaille 3327.		
Jan. 27	F	8 19 57·06
Apr. 7	M	56·92
15	F	56·72
17	M	56·93
Lacaille 3322.		
Mar. 12	F	8 19 57·58
Apr. 4	F	57·64
8	F	57·59

Day.	Observer.	h. m. s.
Lacaille 3335.		
Mar. 17	F	8 21 16·36
Apr. 3	F	16·45
14	C	16·44
19	F	16·47
21	C	16·54
Lacaille 3343.		
Mar. 8	M	8 22 0·67
23	F	0·61
31	C	0·69
Apr. 5	C	0·43
Lacaille 3347.		
Apr. 19	F	8 22 14·80
21	C	14·97
22	I	15·15
23	M	14·99
*** N.P.D. 145° 19′.**		
Apr. 20	M	8 22 17·74
21	C	17·70
Lacaille 3352.		
Mar. 11	M	8 22 41·74
16	I	41·97
25	I	41·99
v^3 Cancri.		
Jan. 20	C	8 24 6·84
Lacaille 3378.		
Feb. 13	F	8 24 8·84
Mar. 13	C	8·71
24	M	8·71

Day.	Observer.	h. m. s.
η Cancri.		
Jan. 21	M	8 25 28·70
27	F	28·73
29	M	28·75
Feb. 11	M	28·67
Mar. 5	M	28·67
Apr. 17	M	28·66
23	M	28·67
Lacaille 3393.		
Mar. 12	F	8 26 10·47
17	F	10·25
30	M	10·33
Apr. 3	F	10·36
7	M	10·45
*** N.P.D. 149° 45′.**		
Feb. 12	C	8 26 56·22
Mar. 30	M	56·31
Apr. 9	C	56·33
Lacaille 3414.		
Jan. 21	M	8 28 30·28
Mar. 20	F	30·16
31	C	30·26
Lacaille 3417.		
Mar. 15	M	8 29 6·86
24	M	6·58
Apr. 4	F	6·76
Lacaille 3430.		
Feb. 10	I	8 29 24·59
Mar. 25	I	24·61
Apr. 5	C	24·35

Day.	Observer.	h. m. s.
Lacaille 3421.		
Feb. 13	F	8 29 27·53
Mar. 23	F	27·45
Apr. 8	F	27·57
Lacaille 3425.		
Mar. 16	I	8 29 58·51
17	F	58·33
Apr. 10	M	58·65
Lacaille 3448.		
Feb. 9	F	8 32 2·92
12	C	2·87
Mar. 30	M	3·15
Lacaille 3452.		
Mar. 10	I	8 32 21·32
Apr. 7	M	21·30
12	I	21·23
14	C	21·11
Lacaille 3451.		
Feb. 25	I	8 32 22·48
Apr. 3	F	22·34
9	C	22·56
Lacaille 3454.		
Mar. 12	F	8 32 45·01
13	C	45·06
Apr. 17	M	45·00
Lacaille 3458.		
Mar. 24	M	8 33 3·31
31	C	3·55
Apr. 15	F	3·44
Lacaille 3461.		
Mar. 1	I	8 33 16·02
20	F	15·73
Apr. 8	F	15·85
16	I	16·08
*** N.P.D. 146° 26′.**		
Mar. 1	I	8 33 20·31
Lacaille 3465.		
Feb. 13	F	8 34 2·82
Mar. 19	C	2·74
Apr. 19	F	2·87
Lacaille 3475.		
Mar. 11	M	8 35 5·37
Apr. 11	F	5·66
21	C	5·49
Lacaille 3473.		
Mar. 15	M	8 35 49·76
Apr. 10	M	49·87
20	M	49·85
γ Cancri.		
Feb. 17	C	8 36 3·07
Lacaille 3491.		
Mar. 11	M	8 36 12·86
17	F	12·88
Apr. 11	F	13·14
Lacaille 3490.		
Feb. 13	F	8 36 33·93
Mar. 19	C	33·77
Apr. 14	C	33·92
Lacaille 3494.		
Mar. 16	I	8 37 12·14
30	M	12·21
Apr. 7	M	12·17
Lacaille 3497.		
Mar. 12	F	8 37 39·90
Apr. 3	F	39·80
8	F	40·04
Lacaille 3504.		
Feb. 10	I	8 37 51·14
26	F	51·16
Apr. 9	C	51·42
Lacaille 3522.		
Mar. 24	M	8 39 3·38
31	C	3·72
Apr. 15	F	3·57
16	I	3·98
Lacaille 3513.		
Mar. 20	F	8 39 3·90
Apr. 10	M	3·99
12	I	3·94
ε Hydræ.		
Jan. 21	M	8 40 9·33
26	I	9·18
Mar. 25	I	9·33
Lacaille 3540.		
Mar. 11	M	8 40 57·52
13	C	57·55
Apr. 3	F	57·62

Day.	Observer.	h. m. s.
Lacaille 3545.		
Mar. 15	M	8 42 7·40
19	C	7·05
Apr. 7	M	7·45
Lacaille 3544.		
Mar. 16	I	8 42 25·12
30	M	25·19
31	C	25·25
Apr. 11	F	25·12
Lacaille 3554.		
Jan. 21	M	8 43 28·76
Feb. 17	C	28·47
Mar. 25	I	28·53
Lacaille 3573.		
Mar. 10	I	8 44 25·29
12	F	25·02
17	F	24·97
Lacaille 3759.		
May 5	M	8 44 32·68
*** N.P.D. 152° 43′.**		
Mar. 12	F	8 47 18·12
17	F	18·03
Apr. 5	C	18·25
Lacaille 3592.		
Feb. 26	F	8 48 21·33
Mar. 24	M	21·21
Apr. 3	F	21·40
Lacaille 3594.		
Jan. 21	M	8 48 25·30
Feb. 12	C	25·25
17	C	25·23
Mar. 13	C	25·18

Day.	Observer.	h. m. s.
Lacaille 3602.		
Mar. 11	M	8 48 50·24
30	M	50·48
Apr. 14	C	50·27
Lacaille 3598.		
Mar. 15	M	8 48 60·03
19	C	59·78
Apr. 15	F	59·83
*** N.P.D. 150° 57′.**		
Apr. 14	C	8 49 3·79
16	I	3·98
21	C	3·90
Lacaille 3603.		
Mar. 20	F	8 49 44·41
Apr. 8	F	44·49
17	M	44·49
Lacaille 3606.		
Mar. 16	I	8 50 6·59
Apr. 10	M	6·57
19	F	6·44
Lacaille 3613.		
Mar. 25	I	8 50 57·07
Apr. 11	F	57·10
20	M	57·16
Lacaille 3618.		
Apr. 7	M	8 51 44·71
12	I	44·84
21	C	44·82

Day.	Observer.	h. m. s.
Lacaille 3626.		
Mar. 10	I	8 52 12·83
31	C	12·95
Apr. 5	C	12·82
*** N.P.D. 145° 1′.**		
Mar. 12	F	8 52 41·55
24	M	41·49
30	M	41·66
Lacaille 3625.		
Mar. 12	F	8 52 42·02
24	M	41·88
30	M	42·15
Lacaille 3634.		
Mar. 11	M	8 52 47·73
Apr. 3	F	48·12
14	C	47·92
Lacaille 3639.		
Mar. 15	M	8 53 54·77
17	F	54·66
Apr. 9	C	54·92
*** N.P.D. 148° 45′.**		
Mar. 15	M	8 53 59·73
17	F	59·57
Apr. 9	C	59·99
Lacaille 3649.		
Mar. 20	F	8 54 16·20
Apr. 8	F	16·50
16	I	16·61

Day.	Observer.	h. m. s.
Lacaille 3661.		
Jan. 21	M	8 56 20·18
Feb. 17	C	20·28
26	F	20·17
Mar. 19	C	20·05
Apr. 7	M	20·17
Lacaille 3659.		
Feb. 17	C	8 56 29·27
Apr. 15	F	29·28
24	C	29·25
Lacaille 3668.		
Mar. 16	I	8 56 29·91
Apr. 10	M	29·80
17	M	29·72
Lacaille 3670.		
Mar. 11	M	8 56 52·99
Apr. 3	F	53·20
14	C	53·09
Lacaille 3673.		
Mar. 10	I	8 57 53·12
30	M	53·05
Apr. 5	C	53·06
Lacaille 3691.		
Mar. 12	F	9 0 29·72
13	C	29·67
Apr. 8	F	29·99
ε Cancri.		
Mar. 25	I	9 0 58·44
*** N.P.D. 145° 51′.**		
Mar. 15	M	9 1 0·74
17	F	0·75
Apr. 9	C	0·96
Lacaille 3689.		
Mar. 15	M	9 1 2·38
17	F	2·43
Apr. 9	C	2·65
Lacaille 3693.		
Feb. 16	M	9 1 27·96
Mar. 20	F	27·79
Apr. 10	M	27·96
ξ Cancri.		
Jan. 21	M	9 2 10·33
Lacaille 3705.		
Mar. 11	M	9 2 28·71
29	F	28·99
Apr. 12	I	28·92
Lacaille 3703.		
Feb. 17	C	9 2 58·68
Mar. 19	C	58·66
Apr. 14	C	58·70
Lacaille 3712.		
Mar. 24	M	9 3 42·56
Apr. 7	M	42·89
16	I	42·98
Lacaille 3707.		
Feb. 26	F	9 3 47·27
Apr. 5	C	47·35
20	M	47·30
Lacaille 3706.		
Mar. 16	I	9 3 53·83
25	I	53·80
Apr. 21	C	53·82
Lacaille 3708.		
Mar. 23	F	9 4 3·68
30	M	3·88
Apr. 15	F	3·64
Lacaille 3717.		
Mar. 10	I	9 4 44·62
12	F	44·51
Apr. 8	F	44·69
Lacaille 3728.		
Jan. 21	M	9 6 1·45
Feb. 16	M	1·54
Apr. 22	I	1·60
Lacaille 3738.		
Mar. 11	M	9 7 40·35
Apr. 9	C	40·72
24	C	40·55
Lacaille 3747.		
Mar. 13	C	9 8 1·49
Apr. 14	C	1·52
21	C	1·63
29	C	1·59
Lacaille 3740.		
Mar. 15	M	9 8 4·78
Apr. 12	I	4·91
23	M	5·00
Lacaille 3742.		
Apr. 3	F	9 8 7·52
15	F	7·54
17	M	7·57

Day.	Observer.	h. m. s.
Lacaille 3753.		
Apr. 7	M	9 8 26·32
20	M	26·17
May 5	M	26·16
Lacaille 3760.		
Mar. 20	F	9 9 39·22
Apr. 5	C	39·22
8	F	39·30
Lacaille 3761.		
Mar. 13	C	9 9 46·34
19	C	46·41
Apr. 14	C	46·37
Lacaille 3762.		
Feb. 16	M	9 10 35·70
Mar. 30	M	35·60
Apr. 29	C	35·63
Lacaille 3769.		
Mar. 23	F	9 10 49·57
Apr. 16	I	49·79
May 6	F	49·62
Lacaille 3770.		
Jan. 21	M	9 10 58·39
Apr. 24	C	58·26
26	I	58·64
Lacaille 3768.		
Mar. 10	I	9 11 4·89
12	F	4·75
May 7	I	4·87

Day.	Observer.	h. m. s.
Lacaille 3776.		
Feb. 26	F	9 11 52·26
Apr. 25	F	52·45
May 5	M	52·25
Lacaille 3783.		
Mar. 25	I	9 11 55·25
Apr. 23	M	55·54
30	I	55·54
83 Cancri.		
Mar. 16	I	9 12 0·25
Apr. 17	M	0·21
May 9	M	0·15
11	M	0·16
Lacaille 3777.		
Mar. 11	M	9 12 3·44
Apr. 15	F	3·50
24	C	3·38
Lacaille 3782.		
Mar. 11	M	9 12 40·05
Apr. 3	F	40·37
24	C	40·14
29	C	40·34
Lacaille 3785.		
Mar. 15	M	9 13 6·22
Apr. 17	M	6·13
22	I	6·42
Lacaille 3792.		
Mar. 24	M	9 13 44·48
Apr. 20	M	44·69
21	C	44·71

Day.	Observer.	h. m. s.
Lacaille 3797.		
Feb. 16	M	9 14 49·62
Apr. 7	M	49·47
8	F	49·48
Lacaille 3798.		
Jan. 21	M	9 15 2·40
Mar. 30	M	2·32
Apr. 14	C	2·18
Lacaille 3799.		
Mar. 12	F	9 15 27·79
Apr. 5	C	27·83
12	I	27·87
Lacaille 3818.		
Mar. 13	C	9 17 28·48
19	C	28·61
Apr. 3	F	28·63
Lacaille 3823.		
Mar. 15	M	9 17 56·60
20	F	56·62
Apr. 15	F	56·43
Lacaille 3814.		
Mar. 16	I	9 17 59·77
23	F	59·65
24	M	59·56
Lacaille 3837.		
Jan. 21	M	9 20 7·90
Mar. 12	F	7·80
Apr. 17	M	7·88

Day.	Observer.	h. m. s.
Lacaille 3847.		
Mar. 11	M	9 20 55·34
Apr. 7	M	55·62
14	C	55·60
α Hydræ.		
Feb. 16	M	9 21 26·65
25	I	26·69
Mar. 20	F	26·68
Apr. 5	C	26·58
Lacaille 3855.		
Mar. 10	I	9 22 10·06
25	I	10·02
Apr. 21	C	9·99
Lacaille 3869.		
Mar. 15	M	9 22 12·77
Apr. 12	I	12·90
22	I	13·10
Lacaille 3866.		
Apr. 15	F	9 22 20·42
23	M	20·47
24	C	20·32
Lacaille 3878.		
Mar. 24	M	9 22 38·22
30	M	38·46
Apr. 29	C	38·43
Lacaille 3877.		
Mar. 23	F	9 23 19·17
Apr. 16	I	19·43
30	I	19·15
Lacaille 3881.		
Apr. 20	M	9 23 52·88
May 5	M	52·93
Lacaille 3890.		
Mar. 20	F	9 24 1·67
Apr. 8	F	1·60
May 7	I	1·45
λ Leonis.		
Jan. 21	M	9 24 35·18
Lacaille 3901.		
Apr. 7	M	9 25 38·54
29	C	38·49
May 9	M	38·47
Lacaille 3895.		
Mar. 16	I	9 25 39·45
Apr. 25	F	39·34
May 6	F	39·48
Lacaille 3899.		
Apr. 14	C	9 25 58·10
21	C	58·23
24	C	58·13
Lacaille 3907.		
Feb. 25	I	9 26 24·46
Apr. 9	C	24·56
May 10	C	24·46
Lacaille 3904.		
Mar. 11	M	9 26 44·29
Apr. 3	F	44·27
14	C	44·55
20	M	44·39
21	C	44·65
23	M	44·67
Lacaille 3910.		
Mar. 13	C	9 27 25·44
29	F	25·45
Apr. 5	C	25·59
Lacaille 3912.		
Mar. 15	M	9 28 4·85
Apr. 5	C	4·70
22	I	4·97
Lacaille 3924.		
Mar. 10	I	9 28 42·03
19	C	41·98
Apr. 29	C	42·03
Lacaille 3921.		
Mar. 23	F	9 28 57·77
Apr. 8	F	57·81
May 10	C	57·73
Lacaille 3927.		
Apr. 15	F	9 29 5·35
30	I	5·38
May 11	M	5·46
Lacaille 3932.		
May 6	F	9 29 5·98
7	I	6·06
13	C	5·89
Lacaille 3930.		
Mar. 24	M	9 29 32·85
30	M	33·03
May 14	F	33·15

Day.	Observer.	h. m. s.
Lacaille 3944.		
Mar. 20	F	9 29 46·02
May 9	M	45·91
15	M	45·98
Lacaille 3943.		
Mar. 25	I	9 30 16·92
Apr. 17	M	17·02
May 16	F	17·03
Lacaille 3949.		
Mar. 29	F	9 30 48·97
Apr. 3	F	49·14
29	C	49·24
May 10	C	49·02
*** N.P.D. 148° 39′.**		
Apr. 29	C	9 31 46·16
May 17	I	46·42
*** N.P.D 154° 27′.**		
Apr. 9	C	9 32 4·49
14	C	4·17
21	C	4·11
24	C	4·00
Lacaille 3972.		
Mar. 16	I	9 32 55·81
Apr. 8	F	55·84
23	M	55·93
Lacaille 3965.		
Mar. 11	M	9 33 10·74
Apr. 7	M	10·95
9	C	11·15
14	C	10·80
20	M	11·01
May 11	M	10·99

Day.	Observer.	h. m. s.
Lacaille 3974.		
Mar. 10	I	9 33 55·00
19	C	54·83
Apr. 25	F	55·08
Lacaille 3980.		
Mar. 15	M	9 34 49·95
Apr. 29	C	49·89
May 13	C	49·92
17	I	49·93
Lacaille 3986.		
Mar. 24	M	9 35 19·17
Apr. 12	I	19·31
30	I	19·34
Lacaille 3989.		
Apr. 10	M	9 35 47·15
15	F	46·93
May 14	F	46 97
Lacaille 3987.		
Mar. 17	F	9 35 53·23
May 9	M	53·30
15	M	53·53
*** N.P.D. 148° 43′.**		
Mar. 23	F	9 36 9·06
May 5	M	9·21
Lacaille 3993.		
Apr. 16	I	9 36 28·91
22	I	29·04
May 11	M	29·02

Day.	Observer.	h. m. s.
Lacaille 3990.		
Apr. 7	M	9 36 51·78
21	C	51·77
24	C	51·62
Lacaille 3992.		
Mar. 25	I	9 37 4·99
Apr. 20	M	5·11
23	M	5·33
Lacaille 4000.		
Mar. 11	M	9 38 37·83
Apr. 3	F	38·03
8	F	37·85
ε Leonis.		
Feb. 25	I	9 38 45·20
Apr. 17	M	45·12
Lacaille 4008.		
Mar. 12	F	9 39 32·73
24	M	32·59
30	M	32·90
Lacaille 4024.		
Mar. 10	I	9 40 55·69
17	F	55·62
Apr. 14	C	55·65
Lacaille 4028.		
Mar. 15	M	9 41 40·36
23	F	40·29
Apr. 22	I	40·57

Day.	Observer.	h. m s.
Lacaille 4033.		
Mar. 29	F	9 41 48·77
Apr. 5	C	48·86
23	M	48·85
Lacaille 4032.		
Apr. 7	M	9 42 5·89
10	M	5·86
21	C	5·76
Lacaille 4035.		
Apr. 8	F	9 42 38·08
15	F	37·92
20	M	38·05
Lacaille 4038.		
Apr. 3	F	9 43 20·44
12	I	20·51
16	I	20·48
Lacaille 4051.		
Mar. 24	M	9 43 58·30
30	M	58·61
Lacaille 4049.		
Mar. 11	M	9 44 33·43
25	I	33·62
Apr. 17	M	33·53
μ Leonis.		
May 15	M	9 45 38·97
*** N.P.D. 148° 54′.**		
Mar. 13	C	9 46 25·96

Day.	Observer.	h. m. s.
Lacaille 4061.		
Mar. 10	I	9 47 18·43
12	F	18·31
Lacaille 4066.		
Mar. 16	I	9 47 24·79
17	F	24·64
Apr. 7	M	24·88
*** N.P.D. 175° 26′.**		
Feb. 25	I	9 48 2·69
Lacaille 4169.		
Feb. 25	I	9 48 16·16
Lacaille 4078.		
Mar. 15	M	9 50 46·75
20	F	46·83
24.	M	46·71
Lacaille 4100.		
Mar. 11	M	9 53 24·05
17	F	24·24
30	M	24·34
π Leonis.		
May 15	M	9 53 36·41
Lacaille 4105.		
Mar. 13	C	9 53 52·11
19	C	52·24
Apr. 7	M	52·29

Day.	Observer.	h. m. s.
Lacaille 4104.		
Mar. 24	M	9 54 5·06
Apr. 10	M	5·32
14	C	5·07
Lacaille 4109.		
Apr. 8	F	9 54 26·95
15	F	26·89
17	M	26·83
Lacaille 4108.		
Mar. 16	I	9 55 4·98
Apr. 21	C	4·96
29	C	4·85
Lacaille 4112.		
Mar. 25	I	9 55 14·98
Apr. 22	I	15·13
May 8	C	14·89
Lacaille 4117.		
Mar. 15	M	9 55 28·51
Apr. 24	C	28·62
May 10	C	28·76
Lacaille 4118.		
Apr. 3	F	9 56 19·61
May 6	F	19·84
11	M	19·73
Lacaille 4129.		
Apr. 29	C	9 56 52·09
May 5	F	52·25
13	C	52·07

Day.	Observer.	h. m. s.
Lacaille 4133.		
Apr. 7	M	9 57 43·53
May 9	M	43·56
14	F	43·61
Lacaille 4138.		
Mar. 30	M	9 58 1·49
May 8	C	1·53
15	M	1·49
Lacaille 4145.		
Mar. 11	M	9 58 58·65
Apr. 8	F	58·83
10	M	58·95
14	C	58·91
21	C	58·88
Lacaille 4148.		
Mar. 24	M	9 59 0·38
Apr. 15	F	0·58
May 6	F	0·64
Lacaille 4151.		
Apr. 14	C	9 59 37·28
21	C	37·50
May 10	C	37·49
Lacaille 4153.		
Apr. 12	I	9 59 42·73
17	M	42·70
29	C	42·72
Lacaille 4155.		
Mar. 13	C	10 0 41·56
23	F	41·52
Apr. 16	I	41·57
Lacaille 4163.		
Mar. 15	M	10 1 0·29
Apr. 3	F	0·63
22	I	0·64
***α* Leonis.**		
Mar 25	I	10 1 42·80
May 9	M	42·72
11	M	42·78
15	M	42·77
Sept. 28	M	42·76
Lacaille 4166.		
Mar. 16	I	10 2 11·72
Apr. 7	M	11·58
23	M	11·71
Lacaille 4174.		
Mar. 17	F	10 4 0·86
Apr. 8	F	0·88
24	C	0·86
Lacaille 4173.		
Mar. 25	I	10 4 1·42
Apr. 15	F	1·54
20	M	1·57
Lacaille 4179.		
Mar. 30	M	10 4 2·17
Apr. 10	M	2·19
29	C	2·08
*** N.P.D. 145° 48′.**		
Apr. 17	M	10 4 16·59
May 8	C	16·59
Lacaille 4191.		
Mar. 10	I	10 5 9·20
Apr. 14	C	9·19
May 5	M	9·20
Lacaille 4189.		
Mar. 15	M	10 5 23·07
29	F	23·08
Apr. 5	C	23·07
Lacaille 4199.		
Mar. 11	M	10 6 40·83
May 6	F	41·31
9	M	41·24
Lacaille 4200.		
Apr. 16	I	10 7 18·36
23	M	18·57
May 11	M	18 46
Lacaille 4201.		
Mar. 13	C	10 7 25·27
May 8	C	25·28
10	C	25·24
Lacaille 4207.		
Apr. 5	C	10 7 46·66
22	I	47·10
May 13	C	46·91
*** N.P.D. 148° 59′.**		
Apr. 3	F	10 7 56·25
29	C	56·04
May 14	F	56·34

Day.	Observer.	h. m. s.
Lacaille 4217.		
Apr. 8	F	10 8 47·82
21	C	47·82
May 15	M	47·87
Lacaille 4215.		
Mar. 17	F	10 8 52·96
Apr. 24	C	53 01
May 6	F	53·15
Lacaille 4225.		
Mar. 24	M	10 9 16·29
30	M	16·55
May 5	M	16·42
Lacaille 4224.		
Mar. 16	I	10 9 17·09
Apr. 20	M	17·02
Lacaille 4240.		
Mar. 15	M	10 11 29·80
Apr. 15	F	30·12
29	C	29·86
Lacaille 4241.		
Mar. 25	I	10 11 46·84
Apr. 8	F	46·83
21	C	46·82
Lacaille 4249.		
Mar. 12	F	10 12 54·59
17	F	54·62
29	F	54·63
May 6	F	54·81

Day.	Observer.	h. m. s.
γ^1 Leonis.		
Mar. 11	M	10 13 4·76
24	M	4·70
Apr. 7	M	4·71
May 9	M	4·61
11	M	4·64
15	M	4·73
Lacaille 4259.		
Mar. 13	C	10 13 46·03
19	C	45·83
Apr. 23	M	46·26
Lacaille 4256.		
Mar. 30	M	10 14 4·89
Apr. 7	M	4·81
24	C	4·69
Lacaille 4268.		
Mar. 11	M	10 15 12·33
Apr. 10	M	12·65
29	C	12·34
Lacaille 4265.		
Mar. 24	M	10 15 16·04
Apr. 16	I	16 28
20	M	16·27
Lacaille 4274.		
Mar. 16	I	10 15 51·52
Apr. 5	C	51·28
14	C	51·33
Lacaille 4285.		
Mar. 10	I	10 17 25·48
Apr. 5	C	25·62
14	C	25·45

Day.	Observer.	h. m. s.
Lacaille 4282.		
Mar. 12	F	10 17 39·89
17	F	39·90
Apr. 21	C	39·99
Lacaille 4292.		
Mar. 25	I	10 19 14·70
Apr. 7	M	14·64
May 5	M	14·59
Lacaille 4291.		
Mar. 15	M	10 19 16·63
19	C	16·54
Apr. 24	C	16·58
Lacaille 4300.		
Mar. 13	C	10 20 27·67
Apr. 16	I	27·86
17	M	27·77
*** N.P.D. 149° 2′.**		
Apr. 3	F	10 22 21·01
Lacaille 4312.		
Mar. 17	F	10 22 39·05
Apr. 19	F	39·16
May 14	F	39·21
Lacaille 4310.		
Mar. 12	F	10 22 44·92
24	M	45·11
May 15	M	45·24
Lacaille 4314.		
Mar. 10	I	10 23 17·70
29	F	17·69
Apr. 14	C	17·67

Day.	Observer.	h. m. s.
Lacaille 4311.		
Mar. 30	M	10 23 19·34
Apr. 12	I	19·41
May 13	C	19·30
Lacaille 4316.		
Apr. 15	F	10 23 20·96
21	C	20·81
May 18	M	21·11
Lacaille 4313.		
Apr. 11	F	10 23 21·48
22	I	21·56
May 5	M	21·38
17	I	21·51
Lacaille 4318.		
Apr. 29	C	10 24 4·05
May 6	F	4·04
19	C	4·13
Lacaille 4320.		
Apr. 23	M	10 24 6·15
30	I	5·96
*** N.P.D. 151° 57′.**		
Apr. 17	M	10 24 28·36
24	C	28·72
May 8	C	28·61
*** N.P.D. 151° 57′.**		
Apr. 17	M	10 24 30·39
May 11	M	30·78
Lacaille 4328.		
Apr. 24	C	10 24 30·92
May 8	C	31·21
23	C	31·36

Day.	Observer.	h. m. s.
Lacaille 4323.		
Apr. 7	M	10 24 33·63
May 9	M	33·40
24	M	33·50
Lacaille 4330.		
Apr. 8	F	10 24 43·47
May 10	C	43·41
30	F	43·39
Lacaille 4331.		
Mar. 16	I	10 24 59·15
May 12	F	59·21
31	I	59·42
Lacaille 4332.		
Mar. 15	M	10 25 37·86
May 13	C	38 02
15	M	38·07
Lacaille 4337.		
Mar. 11	M	10 26 12·38
Apr. 16	I	12·57
May 14	F	12·57
ρ Leon's.		
Apr. 5	C	10 26 13·61
Lacaille 4348.		
Apr 20	M	10 27 35·01
May 13	C	34·95
16	F	35·03
Lacaille 4353.		
Mar. 24	M	10 27 35 63
Apr. 3	F	36·11
May 6	F	36·16

Day.	Observer.	h. m. s.
Brisbane 3076.		
Apr. 23	M	10 28 7·17
29	C	7·04
May 5	M	7·01
12	F	6·68
Lacaille 4355.		
Mar. 30	M	10 28 23·17
Apr. 5	C	23·10
May 10	C	23·27
Lacaille 4356.		
Mar. 13	C	10 28 41·97
19	C	41·99
Apr. 14	C	42 02
May 11	M	42·27
Lacaille 4366.		
Mar. 12	F	10 29 40·02
Apr. 8	F	40·20
May 8	C	40·28
Lacaille 4352.		
Apr. 11	F	10 30 15·78
21	C	15·84
Lacaille 4376.		
Apr. 4	F	10 30 38·88
7	M	38 85
24	C	39·19
*** N.P.D. 153° 29′.**		
Apr. 4	F	10 30 41·04
7	M	41·24
24	C	41·04

Day.	Observer.	h. m. s.
Lacaille 4373.		
Mar. 15	M	10 30 47·35
Apr. 15	F	47·54
May 9	M	47·48
* N.P.D. 147° 33′.		
Mar. 13	C	10 30 56·30
19	C	56·27
27	C	56·44
Apr. 14	C	56·32
Lacaille 4375.		
Mar. 13	C	10 31 3·65
19	C	3·48
27	C	3·70
* N.P.D. 147° 13′.		
Apr. 21	C	10 31 24·74
Lacaille 4380.		
Apr. 12	I	10 31 39·95
29	C	39·86
May 13	C	39·96
Lacaille 4383.		
Apr. 3	F	10 31 50·07
20	M	50·15
May 6	F	50·29
10	C	50·22
* N.P.D. 148° 32′.		
Apr. 3	F	10 31 56·86
May 6	F	57·21
10	C	57·20
12	F	57·20

Day.	Observer.	h. m. s.
Lacaille 4388.		
Mar. 11	M	10 32 41·36
Apr. 19	F	41·48
May 15	M	41·59
Lacaille 4390.		
Mar. 24	M	10 33 10·98
Apr. 22	I	11·29
May 14	F	11·14
Lacaille 4396.		
Mar. 16	I	10 33 59·79
Apr. 3	F	59·75
20	M	59·77
Lacaille 4405.		
Apr. 16	I	10 34 0·37
30	I	0·22
May 5	M	0·36
Lacaille 4397.		
Mar. 30	M	10 34 0·66
May 8	C	0·67
16	F	0·42
* N.P.D. 148° 37′.		
May 8	C	10 34 12·40
Lacaille 4401.		
Apr. 15	F	10 34 13·67
29	C	13·71
May 17	I	13·79
Lacaille 4403.		
Mar. 12	F	10 34 25·78
Apr. 8	F	25·72
May 18	M	25·89

Day.	Observer.	h. m. s.
Lacaille 4409.		
Apr. 7	M	10 34 30·35
14	C	30·20
May 19	C	30·38
Lacaille 4408.		
Apr. 4	F	10 34 50·39
May 9	M	50·51
20	I	50·52
Lacaille 4410.		
Mar. 20	F	10 34 58·75
May 11	M	59·27
June 5	M	59·18
Lacaille 4418.		
Mar. 15	M	10 35 51·76
May 12	F	52·11
June 6	F	51·88
Lacaille 4424.		
Apr. 17	M	10 36 18·86
May 15	M	19·15
June 7	C	19·59
Lacaille 4420.		
Apr. 5	C	10 36 27·37
24	C	27·43
May 6	F	27·62
19	C	27·48
30	F	27·39
Lacaille 4417.		
Apr. 11	F	10 36 27·65
May 13	C	27·59

Day.	Observer.	h. m. s.
Lacaille 4422.		
Apr. 19	F	10 36 31·10
May 31	I	31·51
June 11	F	31·38
Lacaille 4427.		
Apr. 7	M	10 36 42·05
14	C	42·01
21	C	42·19
*** N.P.D. 149° 13′.**		
Apr. 24	C	10 37 21·07
May 19	C	21·26
Lacaille 4425.		
May 23	C	10 37 21·01
June 1	M	21·28
9	F	21·46
Lacaille 4434.		
Apr. 12	I	10 37 29·25
May 10	C	29·41
June 6	F.	29·48
Lacaille 4433.		
Apr. 29	C	10 37 44·42
May 5	M	44·35
June 5	M	44·57
Lacaille 4440.		
Mar. 24	M	10 37 47·89
27	C	48·12
Apr. 7	M	48·13
14	C	48·01
21	C	48·32

Day.	Observer.	h. m. s.
Lacaille 4435.		
Mar. 11	M	10 37 50·78
May 14	F	50·96
June 7	C	51·02
Lacaille 4443.		
Mar. 10	I	10 38 20·69
12	F	20·45
Apr. 4	F	20·66
Lacaille 4445.		
Apr. 15	F	10 38 26·88
22	I	27·17
June 8	M	26·84
Lacaille 4447.		
Mar. 27	C	10 38 29·97
Apr. 14	C	29·67
21	C	29·96
June 14	M	30·10
Lacaille 4446.		
May 11	M	10 38 47·10
16	F	47·04
18	M	46·99
Lacaille 4448.		
Mar. 30	M	10 39 4·74
June 5	M	4·87
10	C	4·66
Lacaille 4449.		
May 8	C	10 39 7·74
June 6	F	7·75
11	F	7·72

Day.	Observer.	h. m. s.
*** N.P.D. 148° 55′.**		
May 8	C	10 39 17·51
Lacaille 4452.		
Apr. 20	M	10 39 21·89
May 17	I	22·30
June 9	F	21·94
Lacaille 4451.		
Apr. 30	I	10 39 34·26
May 13	C	34·32
June 7	C	34·29
Lacaille 4455.		
Apr. 3	F	10 39 35·86
May 22	F	35·90
24	M	35·95
Lacaille 4457.		
Mar. 13	C	10 40 12·96
Apr. 8	F	13·03
June 8	M	12·92
Lacaille 4464.		
Mar. 15	M	10 41 29·00
Apr. 19	F	29·11
June 5	M	29·28
Lacaille 4465.		
Apr. 11	F	10 41 29·79
29	C	29·67
June 1	M	29·64
Lacaille 4471.		
Apr. 15	F	10 41 45·14
16	I	45·29
May 6	F	45·40
31	I	45·45

Day.	Observer.	h. m. s.
Lacaille 4470.		
Apr. 17	M	10 41 48·62
May 12	F	48·89
30	F	48·74
Lacaille 4468.		
Mar. 12	F	10 41 55·12
May 15	M	55·15
June 6	F	55·21
Lacaille 4473.		
May 5	M	10 41 56·59
14	F	56·61
19	C	56·74
Lacaille 4475.		
Mar. 24	M	10 42 18·20
May 9	M	18·39
18	M	18·32
*** N.P.D 153° 37′.**		
May 19	C	10 42 35·52
l Leonis.		
Mar. 11	M	10 42 41·20
Apr. 23	M	41·17
Lacaille {4476. 4479.}		
Apr. 5	C	10 42 51·48
7	M	51·57
24	C	51·38
Lacaille 4485.		
May 10	C	10 43 6·92
16	F	6·83

Day.	Observer.	h. m. s.
Lacaille {4482. 4484.}		
Apr. 5	C	10 43 12·22
24	C	12·16
May 13	C	12·22
Lacaille 4487.		
Mar. 16	I	10 43 18·83
May 11	M	18·79
19	C	18·62
Lacaille 4493.		
Mar. 19	C	10 44 27·58
30	M	27·90
Apr. 3	F	27·79
Lacaille 4495.		
Mar. 10	I	10 45 27·82
Apr. 8	F	27·67
May 6	F	27·94
Lacaille 4497.		
Mar. 11	M	10 45 48·55
Apr. 19	F	48·87
22	I	48·95
Lacaille 4501.		
Mar. 12	F	10 46 41·45
Apr. 12	I	41·52
May 8	C	41·56
Lacaille 4507.		
Mar. 12	F	10 47 23·80
15	M	23·85
Apr. 17	M	23·96
May 8	C	23·99

Day.	Observer.	h. m. s.
Brisbane 3272.		
May 6	F	10 48 18·64
12	F	18·74
13	C	18·54
14	F	18·53
Lacaille 4514.		
Mar. 24	M	10 48 23·13
Apr. 16	I	23·34
30	I	23·34
Lacaille 4515.		
Mar. 20	F	10 48 25·17
29	F	25·23
May 5	M	25·27
9	M	25·21
10	C	25·11
Lacaille 4524.		
Mar. 25	I	10 49 35·43
30	M	35·38
Apr. 21	C	35·27
Lacaille 4530.		
Mar. 11	M	10 50 17·79
19	C	17·83
Apr. 5	C	17·95
Lacaille 4536.		
Mar. 24	M	10 51 38·31
Apr. 7	M	38·67
17	M	38·73
Lacaille 4542.		
Mar. 13	C	10 52 42·86
29	F	42·71
Apr. 14	C	42·96

Day.	Observer.	h. m. s.
Lacaille 4541.		
Mar. 15	M	10 52 48·14
Apr. 19	F	48·23
22	I	48·30
Lacaille 4556.		
Mar. 12	F	10 54 12·36
Apr. 12	I	12·61
21	C	12·54
Lacaille 4560.		
Mar. 16	I	10 54 39·11
20	F	38·89
Apr. 20	M	39·01
Lacaille 4573.		
Mar. 11	M	10 56 54·90
17	F	54·93
Apr. 7	M	55·21
Lacaille 4574.		
Mar. 24	M	10 57 34·96
29	F	34·99
Apr. 14	C	35·17
*** N.P.D. 150° 9′.**		
Apr. 20	M	10 57 56·55
May 5	M	56·49
11	M	56·59
Lacaille 4579.		
Mar. 15	M	10 57 58·10
19	C	58·12
Apr. 17	M	58·23

Day.	Observer.	h. m. s.
χ Leonis.		
Apr. 5	C	10 58 34·12
May 8	C	34·16
9	M	34·17
Lacaille 4585.		
Mar. 30	M	10 58 43·24
Apr. 16	I	43·20
24	C	42·89
29	C	43·06
*** N.P.D. 149° 11′.**		
Mar. 12	F	10 59 12·74
May 13	C	13·20
*** N.P.D. 149° 15′.**		
May 10	C	10 59 19·35
20	I	19·64
Lacaille 4592.		
Mar. 12	F	10 59 44·08
Apr. 22	I	44·37
May 13	C	44·33
Lacaille 4595.		
Mar. 13	C	10 59 49·19
20	F	49·23
29	F	49·21
Lacaille 4597.		
Mar. 25	I	10 59 52·61
Apr. 14	C	52·66
*** N.P.D. 149° 16′.**		
Apr. 21	C	10 59 54·06
May 14	F	54·05
June 5	M	54·10

Day.	Observer.	h. m. s.
Lacaille 4602.		
Apr. 3	F	11 0 51·39
21	C	51·44
May 8	C	51·52
June 1	M	51·44
Lacaille 4604.		
Apr. 8	F	11 1 10·97
May 6	F	11·23
15	M	10·93
16	F	11·06
Lacaille 4612.		
Apr. 7	M	11 1 20·73
May 9	M	20·74
18	M	20·91
Lacaille 4611.		
Apr. 30	I	11 1 25·36
May 5	M	25·16
19	C	25·33
Lacaille 4613.		
Apr. 12	I	11 1 25·85
May 11	M	26·00
24	M	25·95
*** N.P.D. 150° 8′.**		
Mar. 15	M	11 2 52·24
May 13	C	52·55
29	C	52·58
Lacaille 4627.		
Mar. 24	M	11 3 15·19
May 14	F	15·43
22	F	15·45

Day.	Observer.	h. m. s.
Lacaille 4626.		
Mar. 16	I	11 3 18·07
17	F	17·85
May 17	I	18·17
Lacaille 4629.		
Mar. 30	M	11 3 22·22
May 19	C	22·11
31	I	22·49
Lacaille 4631.		
Apr. 22	I	11 3 27·43
24	C	27·02
May 30	F	27·15
Lacaille 4648.		
Mar. 12	F	11 6 20·27
19	C	20·31
20	F	20·27
Lacaille 4652.		
Mar. 12	F	11 7 14·52
19	C	14·64
20	F	14·53
δ Leonis.		
Mar. 13	C	11 7 27·52
May 11	M	27·44
Oct. 4	M	27·34
Lacaille 4657.		
Mar. 17	F	11 7 35·19
29	F	35·00
Apr. 7	M	35·40
Lacaille 4658.		
Mar. 25	I	11 8 1·20
Apr. 14	C	1·21
17	M	1·32
Lacaille 4661.		
Mar. 30	M	11 8 6·79
Apr. 15	F	6·56
May 5	M	6·64
*** N.P.D. 148° 33′.**		
Apr. 21	C	11 8 52·23
*** N.P.D. 148° 33′.**		
Apr. 21	C	11 9 27·76
Lacaille 4677.		
Mar. 15	M	11 10 11·29
Apr. 8	F	11·28
May 8	C	11·37
Lacaille 4695.		
Apr. 16	I	11 11 47·13
20	M	47·01
May 11	M.	47·20
*** N.P.D. 148° 25′.**		
Apr. 24	C	11 11 57·94
29	C	57·84
May 10	C	58·24
Lacaille 4700.		
Apr. 7	M	11 12 11·66
12	I	11·68
May 13	C	11·64
Lacaille 4696.		
Mar. 17	F	11 12 18·00
Apr. 22	I	18·20
May 5	M	18·03
14	F	17·93
Lacaille 4699.		
Mar. 17	F	11 12 23·86
Apr. 22	I	24·07
May 5	M	23·87
δ Crateris.		
Mar. 13	C	11 13 5·53
16	I	5·61
20	F	5·51
Apr. 5	C	5·52
Lacaille 4712.		
Mar. 19	C	11 14 2·99
Apr. 8	F	3·10
14	C	3·18
Brisbane 3534.		
May 14	F	11 14 28·01
Lacaille 4726.		
Mar. 24	M	11 16 34·91
Apr. 3	F	35·00
May 11	M	35·11
*** N.P.D. 147° 41′.**		
Apr. 15	F	11 16 38·35
20	M	38·39
24	C	38·26
*** N.P.D. 146° 5′.**		
Apr. 29	C	11 16 51·89
May 8	C	51·97
10	C	52·15

Day.	Observer.	h. m. s.
Lacaille 4733.		
Mar. 17	F	11 17 10·61
Apr. 24	C	10·71
May 6	F	10·87
13	C	10·74
Lacaille 4734.		
Mar. 30	M	11 17 28·25
Apr. 7	M	27·91
29	C	27·82
May 8	C	28·04
10	C	28·01
Lacaille 4737.		
Apr. 5	C	11 17 57·78
17	M	57·63
21	C	57·90
* N.P.D. 147° 35′.		
May 13	C	11 18 0·07
Lacaille 4738.		
Mar. 25	I	11 18 15·62
Apr. 8	F	15·59
16	I	15·81
Lacaille 4747.		
Mar. 19	C	11 20 18·87
Apr. 12	I	19·11
14	C	19·09
Lacaille 4752.		
Mar. 24	M	11 20 58·30
Apr. 15	F	58·59
20	M	58·44
r Leonis.		
May 19	C	11 21 30·54
Lacaille 4763.		
Mar. 20	F	11 23 39·30
Apr. 7	M	39·46
19	F	39·42
Lacaille 4771.		
Mar. 30	M	11 25 32·52
Apr. 8	F	32·31
14	C	32·35
Lacaille 4774.		
Mar. 17	F	11 25 59·71
Apr. 5	C	59·78
21	C	59·89
Lacaille 4775.		
Mar. 24	M	11 26 2·41
Apr. 3	F	2·64
5	C	2·88
21	C	2·94
Lacaille 4781.		
Mar. 19	C	11 26 45·97
Apr. 15	F	46·12
29	C	45·91
* N.P.D. 150° 11′.		
May 6	F	11 28 1·85
30	F	1·77
Lacaille 4793.		
Mar. 25	I	11 28 33·52
Apr. 20	M	33·63
May 5	M	33·61
Lacaille 4797.		
Mar. 20	F	11 29 9·06
Apr. 22	I	9·26
May 11	M	9·23
Lacaille 4798.		
Mar. 30	M	11 29 28·45
May 6	F	28·47
13	C	28·25
Lacaille 4801.		
Apr. 7	M	11 29 54·03
8	F	53·86
14	C	53·95
Lacaille 4809.		
Apr. 19	F	11 29 56·84
May 10	C	56·95
14	F	56·88
Lacaille 4804.		
May 8	C	11 30 1·63
15	M	1·30
17	I	1·63
Lacaille 4810.		
Mar. 24	M	11 30 32·58
Apr. 21	C	32·95
May 19	C	32·87
v Leonis.		
June 5	M	11 30 32·87

Day.	Observer.	h. m. s.
Lacaille 4816.		
Mar. 19	C	11 31 14·07
Apr. 7	M	14·16
8	F	14·09
14	C	14·10
Lacaille 4817.		
Mar. 17	F	11 31 41·86
May 12	I	w=½ 42·29
June 1	M	41·93
Lacaille 4820.		
Apr. 3	F	11 31 43·69
May 16	F	43·90
Lacaille 4821.		
Apr. 15	F	11 32 0·30
May 20	I	0·32
Lacaille 4834.		
May 13	C	11 32 17·50
30	F	17·60
June 9	F	17·57
Lacaille 4827.		
Apr. 24	C	11 32 21·05
May 22	F	21·04
June 7	C	21·22
*** N.P.D. 152° 41′.**		
June 17	C	11 32 23·70
25	F	23·95

Day.	Observer.	h. m. s.
Lacaille 4829.		
Apr. 20	M	11 32 31·43
May 24	M	31·64
June 6	F	31·59
8	M	31·38
17	C	31·66
*** N.P.D. 150° 12′.**		
June 5	M	11 32 58·52
Lacaille 4832.		
Mar. 20	F	11 33 13·69
May 29	C	13·96
June 6	F	13·97
*** N.P.D. 151° 6′.**		
May 6	F	11 33 42·19
13	C	42·21
June 14	I	42·61
Lacaille 4843.		
May 11	M	11 33 42·76
31	I	42·84
June 15	F	42·49
Lacaille 4844.		
Apr. 8	F	11 34 23·20
May 15	M	23·18
June 9	F	23·38
Lacaille 4848.		
May 14	F	11 34 43·84
19	C	43·80
June 8	M	43·67
16	M	43·62

Day.	Observer.	h. m. s.
Lacaille 4856.		
Apr. 19	F	11 34 59·67
May 8	C	59·68
June 7	C	59·73
*** N.P.D. 150° 14′.**		
June 5	M	11 35 7·91
*** N.P.D. 147° 54′.**		
May 10	C	11 35 49·26
16	F	49·19
Lacaille 4860.		
Mar. 30	M	11 35 56·34
Apr. 5	C	56·22
June 6	F	56·30
Lacaille 4861.		
May 29	C	11 36 16·86
30	F	16·80
June 1	M	16·77
Lacaille 4862.		
Apr. 21	C	11 36 31·23
24	C	30·98
June 5	M	31·36
Lacaille 4868.		
Apr. 3	F	11 37 33·94
20	M	34·02
May 20	I	34·05
Lacaille 4869.		
Apr. 14	C	11 37 55·40
15	F	55·37
May 6	F	55·46

Day.	Observer.	h. m s.
Lacaille 4888.		
Apr. 7	M	11 40 33·87
May 8	C	33·85
14	F	33·79
Lacaille 4889.		
Apr. 22	I	11 40 37·70
May 11	M	37·76
17	I	37·81
*** N.P.D. 150° 20′.**		
Apr. 8	F	11 40 49·52
29	C	49·27
May 15	M	49·47
Lacaille 4892.		
Apr. 5	C	11 41 13·29
21	C	13·28
24	C	13·26
June 6	F	13·32
Lacaille 4897.		
Apr. 3	F	11 42 4·02
May 13	C	4·12
18	M	4·11
β Leonis.		
Mar. 19	C	11 42 40·96
20	F	41·03
24	M	40·99
25	I	40·96
30	M	40·84
June 1	M	40·93
7	C	40·99
25	F	41·00

Day.	Observer.	h. m. s.
Lacaille 4901.		
Apr. 5	C	11 43 4·78
21	C	4·69
24	C	4·63
Lacaille 4903.		
Apr. 20	M	11 43 36·75
May 8	C	36·74
19	C	36·75
β Virginis.		
Mar. 24	M	11 44 11·06
Lacaille 4908.		
May 5	M	11 44 20·78
15	M	20·66
22	F	20·75
Lacaille 4914.		
Apr. 7	M	11 45 4·94
May 14	F	4·93
24	M	5·06
Lacaille 4919.		
Apr. 16	I	11 45 42·23
May 11	M	42·22
29	C	42·26
Lacaille 4920.		
Apr. 29	C	11 45 45·07
May 18	M	45·29
June 6	F	45·27
Lacaille 4922.		
Apr. 8	F	11 45 59·83
14	C	59·93
24	C	59·88

Day.	Observer.	h. m. s.
Lacaille 4924.		
Apr. 15	F	11 46 29·22
May 13	C	29·12
30	F	29·15
Lacaille 4927.		
Mar. 25	I	11 47 11·56
May 20	I	11·80
31	I	11·87
Lacaille 4929.		
Mar. 30	M	11 47 34·86
Apr. 20	M	34·76
22	I	34·93
June 5	M	34·87
Lacaille 4931.		
Apr. 3	F	11 47 57·62
May 22	F	57·53
June 6	F	57·65
Lacaille 4934.		
Apr. 8	F	11 48 12·22
14	C	12·26
24	C	12·22
Lacaille 4936.		
Apr. 19	F	11 48 42·76
May 17	I	45·07
24	M	42·98
*** N.P.D. 151° 53′.**		
Apr. 21	C	11 48 46·13

Day.	Observer.	h. m. s.
Lacaille 4937.		
May 6	F	11 48 47·77
19	C	47·71
June 7	C	47·65
Lacaille 4938.		
Apr. 21	C	11 48 48·80
May 14	F	48·77
June 8	M	48·80
Lacaille 4946.		
Apr. 7	M	11 50 42·39
May 15	M	42·32
June 1	M	42·38
Lacaille 4951.		
Apr. 17	M	11 51 23·77
May 18	M	24·04
June 5	M	23·98
Lacaille 4952.		
Apr. 29	C	11 51 29·15
May 5	M	29·50
30	F	29·28
Lacaille 4954.		
Apr. 15	F	11 51 42·08
May 10	C	42·14
June 9	F	42·14
Lacaille 4956.		
Apr. 16	I	11 51 42·68
May 29	C	42·47
June 6	F	42·56

Day.	Observer.	h. m. s.
Lacaille 4959.		
Apr. 5	C	11 51 56·81
14	C	56·80
June 10	C	56·67
Lacaille 4960.		
May 8	C	11 52 3·23
13	C	3·18
June 7	C	3·30
Lacaille 4963.		
Apr. 20	M	11 52 30·11
May 22	F	29·97
24	M	30·13
Lacaille 4969.		
Mar. 30	M	11 53 4·59
May 6	F	4·54
20	I	4·51
June 5	M	4·60
Lacaille 4972.		
May 11	M	11 53 6·98
14	F	6·85
19	C	6·91
✱ N.P.D. 152° 8′.		
May 14	F	11 53 29·56
19	C	29·67
Lacaille 4973.		
Apr. 3	F	11 53 36·15
5	C	36·13
14	C	36·09

Day.	Observer.	h. m. s.
Lacaille 4977.		
Apr. 8	F	11 55 7·82
19	F	7·78
May 15	M	7·91
Lacaille 4982.		
Apr. 17	M	11 56 1·51
May 18	M	1·54
June 1	M	1·41
Lacaille 4983.		
Apr. 21	C	11 56 8·15
May 30	F	8·16
June 5	M	8·05
Lacaille 4986.		
May 5	M	11 56 32·93
29	C	32·73
June 6	F	32·81
Lacaille 4987.		
May 6	F	11 56 37·39
24	M	37·35
June 8	M	37·28
Lacaille 4990.		
June 16	M	11 56 40·21
Lacaille 4998.		
Apr. 3	F	11 57 50·65
May 22	F	50·66
June 9	F	50·76
Lacaille 4999.		
Apr. 29	C	11 57 53·59
May 10	C	53·93
June 10	C	53·95

Day.	Observer.	h. m. s.
Lacaille 5001.		
Apr. 20	M	11 58 19·92
May 20	I	20·02
June 5	M	19·86
Lacaille 5002.		
Apr. 22	I	11 58 21·11
May 19	C	20·84
June 17	C	20·84
*** N.P.D. 151° 18′.**		
Apr. 22	I	11 58 22·83
May 19	C	22·62
June 17	C	22·49
Lacaille 5003.		
Apr. 24	C	11 58 31·33
May 8	C	31·24
June 6	F	31·35
Lacaille 5006.		
May 11	M	11 58 42·76
June 7	C	42·61
14	I	42·56
Lacaille 5009.		
May 13	C	11 58 57·23
31	I	57·29
June 15	F	57·21
Lacaille 5010.		
May 15	M	11 59 4·14
30	F	4·34
June 9	F	4·37

Day.	Observer.	h. m. s.
Lacaille 5023.		
Apr. 7	M	12 0 22·71
May 5	M	22·55
June 10	C	22·58
Lacaille 5026.		
Apr. 19	F	12 0 48·74
May 18	M	48·94
June 6	F	48·86
Lacaille 5032.		
Apr. 17	M	12 1 54·12
May 29	C	54·05
June 1	M	54·03
Lacaille 5039.		
Apr. 21	C	12 2 52·04
May 24	M	52·06
June 5	M	52·15
ε Corvi.		
Apr. 7	M	12 3 41·82
May 8	C	41·79
Oct. 4	M	41·97
Lacaille 5046.		
Apr. 20	M	12 4 10·47
29	C	10·47
May 11	M	10·75
Lacaille 5051.		
May 10	C	12 4 32·78
15	M	32·61
June 6	F	32·78

Day.	Observer.	h. m. s.
Lacaille 5050.		
Apr. 29	C	12 4 33·73
May 11	M	33·92
30	F	33·89
Lacaille 5056.		
Apr. 24	C	12 5 23·61
May 19	C	23·72
June 5	M	23·67
Lacaille 5057.		
Apr. 14	C	12 5 45·23
May 17	I	45·37
18	M	45·35
Lacaille 5058.		
Apr. 7	M	12 5 51·25
May 14	F	51·14
31	I	51·38
Lacaille 5061.		
Apr. 3	F	12 6 7·31
15	F	7·40
17	M	7·49
Lacaille 5070.		
Apr. 8	F	12 7 36·47
19	F	36·46
May 24	M	36·59
Lacaille 5075.		
Apr. 5	C	12 8 31·07
May 20	I	31·09
29	C	31·28

Day.	Observer.	h. m. s.
Lacaille 5082.		
Apr. 20	M	12 9 57·80
21	C	57·94
May 14	F	57·86
Lacaille 5087.		
Apr. 3	F	12 11 14·71
22	I	14·90
May 11	M	14·84
Lacaille 5090.		
Apr. 17	M	12 11 40·57
May 5	M	40·86
13	C	40·68
Lacaille 5094.		
Apr. 14	C	12 13 6·70
24	C	6·55
29	C	6·38
η Virginis.		
Apr. 7	M	12 13 30·63
May 15	M	30·66
19	C	30·64
June 5	M	30·67
7	C	30·65
July 1	M	30·72
Lacaille 5108.		
Apr. 5	C	12 14 32·75
May 8	C	32·69
24	M	32·74
Lacaille 5110.		
May 10	C	12 14 37·64
29	C	37·69
June 1	M	37·48

Day.	Observer.	h. m. s.
Lacaille 5115.		
May 6	F	12 15 11·69
14	F	11·70
30	F	11·94
Lacaille 5116.		
May 11	M	12 15 13·52
19	C	13·36
31	I	13·58
Lacaille 5120.		
May 15	M	12 16 3·72
22	F	3·92
June 5	M	3·92
Lacaille 5136.		
May 13	C	12 17 58·78
20	I	58·71
29	C	58·51
Lacaille 5147.		
Apr. 24	C	12 19 35·05
29	C	34·93
May 10	C	34·93
Lacaille 5148.		
Apr. 24	C	12 19 39·59
29	C	39·44
May 10	C	39·54
*** N.P.D. 152° 24′.**		
Apr. 24	C	12 19 40·29
29	C	40·21
May 10	C	40·37

Day.	Observer.	h. m. s.
Lacaille 5152.		
May 5	M	12 20 26·67
19	C	26·27
June 5	M	26·19
Lacaille 5155.		
May 8	C	12 20 27·49
14	F	27·42
June 6	F	27·40
Lacaille 5157.		
May 6	F	12 20 36·24
22	F	36·39
June 10	C	36·36
Lacaille 5156.		
May 11	M	12 20 36·86
24	M	36·98
June 7	C	36·96
Lacaille 5161.		
May 13	C	12 21 18·33
29	C	18·29
June 1	M	18·33
Lacaille 5160.		
May 15	M	12 21 18·84
June 15	F	18·88
24	C	w = ½ 18·35
25	F	19·08
Lacaille 5163.		
May 13	C	12 21 28·66
29	C	28·70
June 1	M	28·72

Day.	Observer.	h. m. s.
Lacaille 5175.		
June 6	F	12 21 45·85
26	M	45·77
28	M	45·83
Lacaille 5165.		
May 18	M	12 21 56·92
June 14	I	56·82
16	M	56·66
Lacaille 5178.		
June 10	C	12 23 1·49
21	C	1·50
28	M	1·29
Lacaille 5169.		
May 30	F	12 23 13·84
June 5	M	13·81
30	F	13·71
Lacaille 5172.		
Apr. 7	M	12 23 21·03
May 31	I	21·06
June 29	C	21·11
July 1	M	20·83
*** N.P.D. 145° 22′.**		
June 5	M	12 24 9·51
30	F	9·51
Lacaille 5180.		
June 9	F	12 24 14·78
11	I	14·80
24	C	14·73

Day.	Observer.	h. m. s.
Brisbane 4081.		
June 24	C	12 24 21·70
Lacaille 5185.		
May 14	F	12 24 42·19
24	M	42·24
June 15	F	42·20
Lacaille 5186.		
May 20	I	12 24 51·98
22	F	51·95
June 7	C	52·03
Lacaille 5190.		
May 6	F	12 25 14·44
19	C	14·36
June 6	F	14·43
Lacaille 5201.		
May 11	M	12 27 1·70
15	M	1·51
18	M	1·64
*** N.P.D 145° 26′.**		
June 5	M	12 27 4·48
6	F	4·27
β Corvi.		
Mar. 30	M	12 27 49·41
June 26	M	49·41
28	M	49·46
July 1	M	49·46
Oct. 4	M	49·38

Day.	Observer.	h. m. s.
Lacaille 5208.		
May 13	C	12 28 23·55
14	F	23·41
June 29	C	23·74
Lacaille 5209.		
May 10	C	12 28 27·38
13	C	w=½ 27·80
24	M	27·43
29	C	27·70
30	F	27·35
June 29	C	w=½ 27·99
Lacaille 5223.		
Apr. 14	C	12 31 7·00
21	C	7·00
24	C	7·02
Lacaille 5237.		
Apr. 15	F	12 34 31·33
29	C	30·92
May 15	M	30·90
Lacaille 5241.		
Apr. 17	M	12 34 45·74
May 6	F	45·93
18	M	45·93
Lacaille 5245.		
Apr. 19	F	12 35 13·50
May 8	C	13·56
19	C	13·61
29	C	13·65
Lacaille 5247.		
May 10	C	12 35 31·43
14	F	31·20
June 1	M	31·09

Day.	Observer.	h. m. s.
Lacaille 5249.		
Apr. 14	C	12 35 44·62
21	C	44·67
24	C	44·52
Lacaille 5251.		
May 11	M	12 36 3·40
24	M	3·31
June 10	C	3·14
Lacaille 5253.		
May 13	C	12 36 18·07
20	I	18·09
June 14	I	18·00
Lacaille 5259.		
May 17	I	12 37 25·84
June 5	M	25·79
15	F	25·68
Lacaille 5264.		
Apr. 21	C	12 37 51·07
May 31	I	51·16
June 7	C	51·19
Lacaille 5265.		
Apr. 17	M	12 38 17·92
May 8	C	17·88
29	C	17·87
Lacaille 5273.		
May 15	M	12 39 12·87
June 5	M	12·98
24	C	12·89
* N.P.D. 145° 49′.		
June 24	C	12 39 13·98

Day.	Observer.	h. m. s.
Lacaille 5274.		
Apr. 21	C	12 40 17·01
24	C	16·88
June 7	C	16·97
Lacaille 5276.		
Apr. 15	F	12 40 24·69
May 19	C	24·63
June 16	M	24·49
Lacaille 5277.		
May 18	M	12 40 25·98
June 21	C	26·22
Lacaille 5280.		
May 10	C	12 41 27·61
24	M	27·45
June 15	F	27·48
35 Virginis.		
Apr. 5	C	12 41 29·63
Lacaille 5286.		
May 11	M	12 42 46·27
13	C	45·99
June 5	M	46·20
Lacaille 5288.		
Apr. 29	C	12 42 49·57
May 8	C	49·52
June 14	I	49·54
Lacaille 5293.		
Apr. 15	F	12 43 54·33
29	C	54·16
May 8	C	54·29

Day.	Observer.	h. m. s.
Lacaille 5303.		
Apr. 15	F	12 45 55·82
19	F	55·72
29	C	55·50
May 8	C	55·62
Lacaille 5306.		
Apr. 29	C	12 46 14·72
May 19	C	14·58
June 15	F	14·73
Lacaille 5309.		
Apr. 21	C	12 46 22·06
24	C	22·33
29	C	21·99
May 8	C	22·10
Lacaille 5314.		
May 10	C	12 46 59·34
20	I	59·30
June 7	C	59·36
Lacaille 5316.		
May 18	M	12 47 14·81
24	M	14·84
June 16	M	14·48
Lacaille 5317.		
May 11	M	12 47 15·69
13	C	15·63
29	C	15·69
Brisbane 4238.		
May 11	M	12 47 17·05
13	C	16·84
29	C	16·88

Day.	Observer.	h. m. s.
Lacaille 5321.		
May 17	I	12 48 36·27
June 5	M	36·08
	I	36·27
21	C	36·19
Lacaille 5328.		
Apr 14	C	12 49 30·61
June 7	C	30·74
14	I	30·55
Lacaille 5350.		
May 15	M	12 52 56·58
24	M	56·55
31	I	56·69
Lacaille 5354.		
May 10	C	12 53 57·86
19	C	57·71
29	C	57·79
Lacaille 5366.		
Apr. 14	C	12 56 8·50
May 8	C	8·39
June 5	M	8·52
Lacaille 5372.		
Apr. 20	M	12 57 7·94
May 15	M	7·91
June 7	C	8·05
Lacaille 5377.		
Apr. 29	C	12 57 26·22
May 14	F	26·25
June 15	F	26·28

Day.	Observer.	h. m. s.
Lacaille 3586.		
Apr. 21	C	12 59 7·93
May 24	M	8·05
June 16	M	7·85
Lacaille 5391.		
May 13	C	12 59 24·27
31	I	24·43
June 14	I	24·25
21	C	24·43
Lacaille 5392.		
Apr. 24	C	12 59 42·65
June 5	M	42·50
24	C	42·63
Lacaille 5394.		
June 25	F	13 0 4·57
Lacaille 5401.		
May 10	C	13 0 28·25
June 11	I	28·57
29	C	28·43
Lacaille 5402.		
May 29	C	13 0 28·65
June 5	M	28·57
15	F	28·55
θ Virginis.		
Apr. 2	M	13 3 28·87
17	M	28·72
June 18	I	28·75
July 1	M	28·72

Day.	Observer.	h. m. s.
Lacaille 5411.		
May 8	C	13 3 53·44
19	C	53·40
June 5	M	53·45
Lacaille 5415.		
Apr 19	F	13 3 58·31
29	C	58·22
May 14	F	58·27
June 16	M	58·15
Lacaille 5414.		
Apr. 23	M	13 4 4·41
May 24	M	4·41
June 30	F	4·29
Lacaille 5419.		
Apr. 29	C	13 4 24·11
June 25	F	24·27
26	M	24·09
28	M	24·21
Lacaille 5418.		
May 17	I	13 4 30·47
June 21	C	30·44
29	C	30·55
Lacaille 5423.		
May 15	M	13 4 56·70
June 7	C	56·74
24	C	56·73
Lacaille 5425.		
May 10	C	13 5 7·58
June 5	M	7·59
15	F	7·63

Day.	Observer.	h. m. s.
Lacaille 5431.		
May 13	C	13 6 2·06
29	C	2·20
July 1	M	2·00
3	C	2·17
Lacaille 5436.		
May 20	I	13 6 27·11
July 2	I	27·04
6	M	26·91
Lacaille 5437.		
Apr. 21	C	13 6 31·61
June 29	C	31·86
July 7	C	31·82
Lacaille 5434.		
June 30	F	13 6 39·68
July 5	F	39·81
Lacaille 5446.		
May 31	I	13 7 36·76
June 5	M	36·51
26	M	36·39
Lacaille 5453.		
May 14	F	13 8 23·71
June 11	I	23·81
25	F	23·93
Lacaille 5449.		
May 24	M	13 8 32·04
June 16	M	31·80
24	C	32·00
Lacaille 5461.		
Apr. 23	M	13 10 11·17
May 19	C	10·87
June 5	M	10·71
Lacaille 5465.		
Apr. 19	F	13 10 32·08
June 7	C	32·18
15	F	32·21
Lacaille 5476.		
May 8	C	13 11 55·06
13	C	54·96
June 21	C	55·12
Lacaille 5479.		
May 10	C	13 12 38·58
29	C	38·51
June 5	M	38·51
Lacaille 5483.		
May 14	F	13 13 4·25
15	M	4·26
June 24	C	4·23
Lacaille 5488.		
May 24	M	13 14 7·22
June 5	M	7·25
16	M	7·02
Lacaille 5490.		
Apr. 21	C	13 14 32·09
24	C	32·04
May 19	C	31·96
Lacaille 5492.		
Apr. 21	C	13 14 34·39
24	C	34·33
May 19	C	34·39
*** N.P.D. 149° 34′.**		
June 7	C	13 15 14·71
*** N.P.D. 149° 36′.**		
June 7	C	13 15 15·84
Lacaille 5500.		
Apr. 19	F	13 15 37·74
23	M	37·91
29	C	37·69
Lacaille 5509.		
~~Apr. 23~~	~~M~~	~~13 16 53·19~~
29	C	53·13
May 14	F	53·17
α Virginis.		
June 5	M	13 18 36·48
18	I	36·49
26	M	36·54
28	M	36·39
July 1	M	36·51
Sept. 29	M	36·64
Oct. 5	M	36·58
Lacaille 5538.		
May 8	C	13 20 3·34
10	C	3·35
June 5	M	3·45
15	F	3·45

Day.	Observer.	h. m. s.
Lacaille 5540.		
May 13	C	13 20 16·60
15	M	16·53
June 21	C	16·71
Lacaille 5547.		
May 17	I	13 20 31·65
June 25	F	31·73
29	C	31·64
Lacaille 5545.		
May 24	M	13 20 38·37
June 14	I	38·33
30	F	38·31
Lacaille 5542.		
May 29	C	13 20 38·93
June 24	C	39·37
July 3	C	39·09
Lacaille 5544.		
May 6	F	13 20 39·91
June 16	M	39·71
26	M	39·87
28	M	39·96
Lacaille 5554.		
Apr. 19	F	13 22 10·44
July 6	M	10·51
Lacaille 5555.		
Apr. 24	C	13 22 21·93
June 18	I	21·78
July 7	C	21·92

Day.	Observer.	h. m. s.
Lacaille 5561.		
May 14	F	13 23 15·93
June 5	M	16·04
July 5	F	16·16
Lacaille 5560.		
May 19	C	13 23 21·14
July 2	I	21·28
3	C	21·20
* N.P.D. 152° 23′.		
June 30	F	13 23 38·48
Lacaille 5562.		
June 21	C	13 23 38·87
29	C	38·87
30	F	38·60
Lacaille 5564.		
May 29	C	13 24 10·01
June 5	M	w=½ 9·52
15	F	10 11
Lacaille 5566.		
June 25	F	13 24 54·75
Lacaille 5575.		
May 13	C	13 26 18·29
15	M	18·36
June 16	M	18·16
Lacaille 5576.		
May 8	C	13 26 44·19
20	I	44·14
June 26	M	44·07

Day.	Observer.	h. m. s.
Lacaille 5579.		
Apr. 29	C	13 26 57·81
June 5	M	57·94
28	M	58·07
Lacaille 5585.		
May 6	F	13 27 25·01
June 7	C	25·02
July 3	C	24·99
Lacaille 5586.		
May 18	M	13 28 6·12
July 1	M	6·21
2	I	6·33
6	M	6·05
ζ Virginis.		
Apr. 17	M	13 28 19·44
23	M	19·52
June 1	M	19·47
* N.P.D. 147° 51′.		
June 5	M	13 28 28·91
Lacaille 5588.		
June 14	I	13 28 42·52
29	C	42·85
30	F	42·60
Lacaille 5589.		
May 14	F	13 28 44·83
June 25	F	45·04
July 5	F	44·97
Lacaille 5596.		
Apr. 24	C	13 29 56·50
May 19	C	56·41
June 15	F	56·50

Day.	Observer.	h. m. s.
Lacaille 5605.		
May 29	C	13 30 40·52
June 26	M	40·47
July 3	C	40·47
Lacaille 5609.		
Apr. 23	M	13 31 27·27
June 16	M	26·94
28	M	27·38
Lacaille 5627.		
Apr. 29	C	13 33 44·61
May 6	F	44·56
June 5	M	44·50
Lacaille 5629.		
May 10	C	13 34 9·04
13	C	8·94
June 7	C	9·04
Lacaille 5631.		
May 14	F	13 34 11·94
20	I	12·05
June 25	F	12·19
Lacaille 5637.		
May 10	C	13 34 42·41
13	C	42·35
June 7	C	42·34
Lacaille 5640.		
May 17	I	13 34 46·92
June 5	M	46·82
15	F	46·77

Day.	Observer.	h. m. s.
Lacaille 5644.		
May 18	M	13 35 36·92
19	C	36·79
29	C	36·92
*** N.P.D. 148° 36′.**		
May 18	M	13 35 41·06
19	C	40·99
29	C	40·95
Lacaille 5657.		
June 5	M	13 37 37·97
11	I	38·14
26	M	37·97
Lacaille 5659.		
June 25	F	13 37 53·81
28	M	53·58
29	C	53·80
Lacaille 5660.		
June 14	I	13 38 28·85
18	I	29·04
30	F	28·94
Lacaille 5669.		
Apr. 23	M	13 39 39·48
June 5	M	39·48
15	F	39·26
Lacaille 5673.		
May 6	F	13 40 12·53
19	C	12·62
June 7	C	12·55
τ Boötis.		
June 26	M	13 41 19·24

Day.	Observer.	h. m. s.
Lacaille 5716.		
May 6	F	13 46 22·19
14	F	22·17
29	C	22·45
Lacaille 5715.		
Apr. 23	M	13 46 53·84
29	C	53·50
May 10	C	53·78
13	C	53·65
19	C	53·44
*** N.P.D. 151° 45′.**		
Apr. 23	M	13 46 58·21
29	C	57 79
May 10	C	58·01
13	C	57·93
19	C	57·93
Lacaille 5730.		
May 17	I	13 47 46·30
20	I	46·33
June 25	F	46·38
Lacaille 5734.		
May 18	M	13 48 29·68
June 14	I	29·53
29	C	29·89
Lacaille 5733.		
June 7	C	13 48 37·51
18	I	37·52
30	F	37·54
Lacaille 5750.		
June 11	I	13 49 0·85
26	M	0·63
28	M	0·75

Day.	Observer.	h. m. s.
✱ N.P.D. 150° 46′.		
May 14	F	13 50 51·02
Lacaille 5762.		
Apr. 23	M	13 51 6·92
29	C	6·52
May 10	C	6·81
13	C	6·87
✱ N.P.D 152° 10′.		
Apr. 23	M	13 51 11·16
29	C	10·88
May 13	C	11·44
Lacaille 5766.		
May 6	F	13 51 27·41
29	C	27·32
Lacaille 5776.		
May 18	M	13 52 48·98
June 21	C	49·09
25	F	49·17
Lacaille 5786.		
May 17	I	13 55 0·80
June 7	C	0·68
26	M	0·73
Lacaille 5784.		
June 15	F	13 55 1·23
29	C	1·53
July 5	F	1·39
r Virginis.		
May 8	C	13 55 17·28
19	C	17·04
June 28	M	17·16
Lacaille 5796.		
May 6	F	13 57 37·63
June 18	I	37·46
30	F	37·62
Lacaille 5795.		
May 19	C	13 57 43·12
June 25	F	43·39
July 2	I	43·20
Lacaille 5794.		
May 29	C	13 57 52·90
June 28	M	52·83
July 5	F	52·93
Lacaille 5803.		
June 11	I	13 59 2·16
21	C	2·17
July 3	C	2·21
Lacaille 5807.		
June 7	C	13 59 5·82
14	I	5·74
26	M	5·71
94 Virginis.		
May 8	C	13 59 40·78
Lacaille 5815.		
May 14	F	14 0 8·61
June 25	F	8·89
29	C	8·92
Lacaille 5829.		
Apr. 23	M	14 2 40·38
May 10	C	40·32
June 28	M	40·35
Lacaille 5834.		
May 6	F	14 3 57·53
14	F	57·53
June 15	F	57·49
Lacaille 5844.		
May 18	M	14 5 52·31
29	C	52·27
June 25	F	52·48
Lacaille 5845.		
May 13	C	14 5 57·06
June 7	C	57·11
26	M	57·15
Lacaille 5850.		
May 19	C	14 6 15·56
June 21	C	15·82
28	M	15·79
Lacaille 5859.		
May 17	I	14 7 48·12
June 14	I	47·75
30	F	47·83
Lacaille 5861.		
June 11	I	14 8 10·46
29	C	10·37
July 3	C	10·39
Lacaille 5868.		
June 18	I	14 8 48·13
July 1	M	48·16
5	F	48·32

Day.	Observer.	h. m. s.
Lacaille 5870.		
May 14	F	14 9 56·73
June 25	F	56·94
July 6	M	56·71
***a* Boötis.**		
Apr. 23	M	14 9 57·51
Lacaille 5871.		
June 26	M	14 10 13·54
July 2	I	13·59
5	F	13·57
Lacaille 5875.		
May 19	C	14 10 42·49
June 28	M	42·75
July 3	C	42·64
Lacaille 5879.		
May 6	F	14 11 36·48
June 15	F	36·40
July 1	M	36·54
Lacaille 5888.		
May 18	M	14 13 8·01
June 14	I	7·87
30	F	7·89
Lacaille 5893.		
May 13	C	14 13 41·10
June 18	I	40·95
29	C	41·18
*** N.P.D. 147° 53′.**		
June 29	C	14 13 41·62

Day.	Observer.	h. m. s.
Lacaille 5920.		
May 6	F	14 17 53·10
24	M	53·14
June 7	C	53·24
Lacaille 5931.		
May 18	M	14 19 36·40
June 7	C	36·44
14	I	36·30
Lacaille 5940.		
May 6	F	14 20 11·27
19	C	11·23
June 15	F	11·25
***f* Boötis.**		
June 25	F	14 20 38·45
26	M	38·54
July 3	C	38·53
Lacaille 5946.		
May 6	F	14 21 8·45
10	C	8·42
June 15	F	8·54
Lacaille 5954.		
May 14	F	14 23 36·45
June 11	I	36·60
21	C	36·66
Lacaille 5973.		
May 24	M	14 25 58·45
June 26	M	58·46
30	F	58·40

Day.	Observer.	h. m. s.
Lacaille 5970.		
June 14	I	14 26 11·60
18	I	11·61
July 1	M	11·58
Lacaille 5974.		
June 7	C	14 26 11·81
25	F	11·90
29	C	11·96
***ρ* Boötis.**		
July 3	C	14 26 26·52
Lacaille 5981.		
May 19	C	14 27 36·11
June 28	M	36·32
July 3	C	36·21
Z Octantis.		
June 29	C	14 29 11·84
July 15	I	11·47
15	I	S.P. 11·52
16	F	11·82
16	M	S.P. 11·73
17	C	12·11
17	F	S.P. 12·09
19	F	10·61
19	M	S.P. 10·71
20	C	11·73
20	F	S.P. 11·28
21	M	12·34
23	C	12·76
23	F	S.P. 12·66
24	M	13·58
24	M	S.P. 13·63
25	F	12·59
25	C	S.P. 12·50
26	I	12·46
28	F	12·11
28	F	S.P. 12·05

Day.	Observer.	h. m. s.
Z Octantis.—*Continued.*		
July 29	M	14 29 12·25
30	M	11·39
30	M	S.P. 11·40
31	F	13·17
31	M	S.P. 13·13
Lacaille 5997.		
May 18	M	14 29 44·41
29	C	44·49
June 30	F	44·38
Lacaille 6004.		
May 24	M	14 30 4·64
June 26	M	4·55
July 6	M	4·59
Lacaille 6017.		
May 14	F	14 31 7·06
July 17	C	7·03
23	C	7·18
Lacaille 6014.		
May 14	F	14 31 7·66
July 17	C	7·63
23	C	7·80
Lacaille 6013.		
June 7	C	14 31 31·95
25	F	32·01
July 7	C	31·92
* N.P.D. 154° 25′.		
July 28	F	14 32 23·66

Day.	Observer.	h. m. s.
Lacaille 6012.		
June 28	M	14 32 25·76
July 21	M	25·99
28	F	25·86
Lacaille 6021.		
June 11	I	14 32 39·59
July 2	I	39·55
24	M	39·75
Lacaille 6024.		
June 18	I	14 32 51·38
July 10	M	51·40
26	I	51·32
Lacaille 6023.		
July 1	M	14 33 20·18
15	I	20·26
25	F	20·53
Lacaille 6025.		
July 3	C	14 33 37·83
16	F	37·79
19	F	37·67
Lacaille 6029.		
May 19	C	14 33 38·77
June 21	C	38·98
July 7	C	38·91
Lacaille 6039.		
May 14	F	14 35 24·26
18	M	24·25
June 25	F	24·56

Day.	Observer.	h. m. s.
Lacaille 6057.		
May 24	M	14 36 11·25
29	C	11·27
June 28	M	11·25
29	C	11·34
* N.P.D. 145° 4′.		
May 29	C	14 36 18·63
June 28	M	18·40
29	C	18·92
Lacaille 6058.		
July 3	C	14 38 32·40
6	M	32·35
7	C	32·28
s^2 Boötis.		
July 27	M	14 39 31·57
Lacaille 6081.		
May 19	C	14 39 39·86
June 21	C	40·06
July 17	C	39·72
Lacaille 6078.		
June 14	I	14 39 46·84
30	F	46·99
July 16	F	46·77
Lacaille 6079.		
June 11	I	14 39 47·16
July 1	M	46·94
21	M	47·20
Lacaille 6082.		
June 25	F	14 39 59·19
July 10	M	58·92
23	C	59·26

Day.	Observer.	h. m. s.
Lacaille 6083.		
June 29	C	14 40 7·48
July 15	I	7·37
19	F	7·33
Lacaille 6080.		
June 28	M	14 40 9·34
July 2	I	9·18
24	M	9·35
Lacaille 6091.		
June 7	C	14 41 49·13
July 17	C	48·79
23	C	49·14
Lacaille 6094.		
May 24	M	14 41 51·04
July 6	M	51·00
7	C	51·08
Lacaille 6095.		
May 19	C	14 42 27·16
June 21	C	27·22
July 3	C	27·17
Lacaille 6019.		
July 26	I	14 43 7·59
27	M	6·71
Brisbane 5046.		
July 16	F	14 43 15·45
23	C	14·87
25	F	15·02

Day.	Observer.	h. m. s.
α^2 Libræ.		
June 26	M	14 43 57·96
28	M	57·91
July 1	M	57·82
24	M	57·85
Lacaille 6115.		
May 29	C	14 45 13·30
June 25	F	13·44
July 10	M	13·18
Lacaille 6119.		
May 14	F	14 45 57·38
June 30	F	57·40
July 17	C	57·33
Lacaille 6120.		
May 18	M	14 46 12·83
July 1	M	12·70
7	C	12·80
Lacaille 6123.		
June 14	I	14 46 39·29
29	C	39·67
July 3	C	39·59
Lacaille 6122.		
June 28	M	14 46 41·38
July 2	I	41·20
6	M	41·19
Lacaille 6131.		
May 19	C	14 48 18·05
June 11	I	18·49
21	C	18·09

Day.	Observer.	h. m. s.
ξ^2 Libræ.		
July 16	F	14 49 59·23
Lacaille 6147.		
May 18	M	14 50 37·30
June 18	I	37·22
28	M	37·44
Lacaille 6154.		
May 24	M	14 51 2·98
June 25	F	3·18
30	F	2·97
Lacaille 6176.		
May 29	C	14 52 21·47
June 7	C	21·40
July 1	M	21·41
Lacaille 6181.		
May 19	C	14 54 22·53
July 2	I	22·66
3	C	22·75
Lacaille 6188.		
June 18	I	14 55 0·41
21	C	0·45
July 6	M	0·33
Lacaille 6187.		
June 14	I	14 55 1·02
28	M	1·10
30	F	0·84
July 5	F	0·99

Day.	Observer.	h. m. s.
Lacaille 6192.		
May 24	M	14 57 15·87
June 29	C	16·01
July 10	M	15·86
Lacaille 6202.		
May 29	C	14 57 45·36
June 11	I	45·43
July 16	F	45·41
Lacaille 6200.		
June 7	C	14 57 57·26
25	F	57·36
July 19	F	57·22
Lacaille 6206.		
July 5	F	14 58 41·11
15	I	41·13
20	C	41·16
Lacaille 6208.		
July 1	M	14 58 56·54
17	C	56·83
21	M	56·71
Lacaille 6207.		
May 18	M	14 59 1·40
July 3	C	1·47
23	C	1·5[illegible]
Lacaille 6214.		
June 28	M	14 59 10·75
July 2	I	10·77
6	M	10·66

Day.	Observer.	h. m. s.
Lacaille 6223.		
May 19	C	15 0 43·69
June 21	C	43·95
July 10	M	43·82
Lacaille 6230.		
June 18	I	15 2 9·05
29	C	9·33
July 1	M	8·98
Lacaille 6238.		
May 24	M	15 2 52·06
29	C	51·99
June 25	F	52·10
Lacaille 6241.		
May 18	M	15 3 53·01
June 7	C	52·94
28	M	52·95
ι^1 Libræ.		
July 16	F	15 5 5·95
20	C	5·91
Lacaille 6256.		
May 29	C	15 6 3·26
June 11	I	3·43
30	F	3·06
Lacaille 6259.		
June 21	C	15 6 32·17
29	C	32·24
July 3	C	32·04
Lacaille 6262.		
June 21	C	15 6 51·78
29	C	51·78
July 3	C	51·54

Day.	Observer.	h. m. s.
Lacaille 6260.		
July 2	I	15 7 6·63
5	F	6·76
6	M	6·59
Lacaille 6266.		
June 25	F	15 7 44·88
July 10	M	44·70
17	C	44·66
Lacaille 6272.		
June 28	M	15 8 46·15
July 16	F	46·17
19	F	46·12
β Libræ.		
May 19	C	15 10 16·85
June 7	C	16·90
18	I	16·81
July 24	M	16·89
Lacaille 6294.		
June 29	C	15 10 34·71
July 5	F	34·78
23	C	34·61
Lacaille 6292.		
June 30	F	15 10 36·34
July 15	I	36·31
20	C	36·40
Lacaille 6298.		
June 25	F	15 11 12·70
July 21	M	12·77
24	M	12·54

Day.	Observer.	h. m. s.
* N.P.D. 146° 41′.		
May 29	C	15 11 26·72
Lacaille 6306.		
May 29	C	15 12 21·83
July 3	C	21·66
23	C	21·80
Lacaille 6307.		
July 1	M	15 12 25·59
6	M	25·74
10	M	25·78
* N.P.D. 148° 41′.		
July 10	M	15 12 49·41
Lacaille 6309.		
June 18	I	15 13 3·78
July 16	F	3·72
19	F	3·72
Lacaille 6312.		
June 28	M	15 13 26·41
July 17	C	26·34
20	C	26·37
Lacaille 6319.		
June 11	I	15 14 10 02
July 2	I	9·92
5	F	9·90
Lacaille 6341.		
June 14	I	15 16 4·86
29	C	5·02
30	F	4·90

Day.	Observer.	h. m. s.
Lacaille 6336.		
June 7	C	15 16 41·22
21	C	41·23
July 3	C	41·10
* N.P.D. 146° 34′.		
June 30	F	15 17 49·55
Lacaille 6370.		
May 29	C	15 19 40·00
June 21	C	39·94
25	F	40·01
ζ Libræ.		
July 10	M	15 21 12·46
Lacaille 6389.		
June 11	I	15 22 54·92
29	C	54·80
30	F	54·59
Lacaille 6385.		
June 14	I	15 23 5·44
July 2	I	5·44
6	M	5·47
Lacaille 6396.		
June 18	I	15 23 56·41
July 5	F	56·44
16	F	56·35
Lacaille 6400.		
June 25	F	15 24 36·33
July 10	M	36·23
17	C	36·31

Day.	Observer.	h. m. s.
Lacaille 6399.		
July 1	M	15 25 4·92
7	C	w=½ 5·13
20	C	5·20
Lacaille 6407.		
July 5	F	15 25 36·88
15	I	36·67
19	F	36·50
Lacaille 6431.		
June 14	I	15 29 43·87
25	F	44·13
July 6	M	43·99
Lacaille 6438.		
June 18	I	15 29 56·97
July 5	F	57·06
16	F	57·09
Lacaille 6428.		
June 29	C	15 30 13·90
July 1	M	13·63
7	C	w=½ 13·48
Lacaille 6440.		
June 30	F	15 30 21·69
July 10	M	21·80
17	C	21·81
Lacaille 6434.		
May 29	C	15 31 0·28
July 15	I	0·35
19	F	0·37

Day.	Observer.	h. m. s.
Lacaille 6458.		
June 7	C	15 33 34·31
21	C	34·51
July 6	M	34·20
Lacaille 6462.		
June 11	I	15 33 44·56
July 5	F	44·36
20	C	44·29
*** N.P.D. 145° 45′.**		
July 7	C	15 33 46·84
16	F	46·95
Lacaille 6474.		
July 2	I	15 34 30·04
7	C	30·18
16	F	30·02
Lacaille 6465.		
June 29	C	15 34 35·40
July 21	M	35·31
23	C	35·26
Lacaille 6472.		
June 25	F	15 34 49·72
July 22	I	49·75
28	C	49·50
Lacaille 6475.		
July 1	M	15 35 4·93
24	M	5·03
27	M	5·02
*** N.P.D. 148° 17′.**		
July 1	M	15 35 8·64
24	M	8·76
27	M	8·69

Day.	Observer.	h. m. s.
Lacaille 6478.		
July 10	M	15 36 9·30
26	I	9·06
28	C	9·34
Lacaille 6487.		
July 3	C	15 36 18·23
19	F	18·19
23	C	18·45
Lacaille 6490.		
June 18	I	15 36 47·71
July 20	C	47·71
21	M	47·74
Lacaille 6492.		
July 5	F	15 37 16·14
15	I	15·95
16	F	15·91
Lacaille 6497.		
June 21	C	15 38 31·29
25	F	31·43
July 6	M	31·16
Lacaille 6507.		
June 11	I	15 41 32·79
July 1	M	32·38
3	C	32·58
Lacaille 6511.		
June 7	C	15 41 50·27
29	C	50·36
July 10	M	50·15

Day.	Observer.	h. m. s.
Lacaille 6523.		
June 18	I	15 42 30·51
July 5	F	30·81
16	F	30·70
Lacaille 6528.		
May 29	C	15 42 40·41
June 25	F	40·50
July 17	C	40·34
Lacaille 6533.		
July 20	C	15 44 8·98
Lacaille 6540.		
June 26	M	15 44 19·27
July 7	C	19·16
19	F	19·12
21	M	19·39
Lacaille 6546.		
June 21	C	15 45 4·89
July 3	C	4·98
22	I	4·98
Lacaille 6550.		
July 1	M	15 45 34·77
6	M	34·90
10	M	34·98
Lacaille 6559.		
June 7	C	15 47 31·29
29	C	31·61
July 5	F	31·36
Lacaille 6570.		
June 11	I	15 48 9·92
25	F	9·85
July 19	F	9·77

Day.	Observer.	h. m. s.
Lacaille 6564.		
July 2	I	15 48 24·84
17	C	24·75
21	M	24·75
Lacaille 6577.		
June 18	I	15 49 6·71
July 16	F	6·72
20	C	6·81
Lacaille 6578.		
June 26	M	15 49 58·57
July 6	M	58·41
23	C	58·66
γ Serpentis.		
Aug. 3	M	15 50 40·79
Lacaille 6593.		
June 21	C	15 51 54·56
July 3	C	54·42
7	C	54·38
22	I	54·60
Lacaille 6610.		
June 29	C	15 52 28·02
July 5	F	27·94
19	F	27·94
Lacaille 6612.		
July 6	M	15 53 7·44
20	C	7·57
24	M	7·70
*** N.P.D. 147° 25′.**		
June 25	F	15 53 21·57
July 23	C	21·64

Day.	Observer.	h. m. s.
Lacaille 6615.		
June 25	F	15 53 22·85
July 21	M	22·79
23	C	22·89
Lacaille 6616.		
July 1	M	15 53 42·03
15	I	41·98
16	F	42·04
Lacaille 6636.		
June 11	I	15 55 15·63
July 27	M	15·55
28	C	15·42
Lacaille 6650.		
June 18	I	15 57 24·08
July 23	C	24·15
31	F	24·01
Lacaille 6642.		
June 7	C	15 57 25·18
30	F	24·99
July 5	F	25·14
Aug. 10	M	25·20
12	I	25·62
*** N.P.D. 153° 34′.**		
July 1	M	15 57 39·20
29	I	39·06
30	M	39·05
Lacaille 6649.		
June 26	M	15 57 40·49
July 24	M	40·73
Aug. 2	I	40·68

Day.	Observer.	h. m. s.
Lacaille 6646.		
July 10	M	15 57 56·67
28	C	56·69
Aug. 3	M	56·65
Lacaille 6652.		
June 7	C	15 58 50·89
July 26	I	50·51
Aug. 12	I	51·16
Lacaille 6665.		
June 25	F	15 59 2·87
July 16	F	2·82
Aug. 11	F	2·87
Lacaille 6668.		
June 29	C	15 59 9·22
July 3	C	9·19
20	C	9·25
Brisbane 5589.		
June 7	C	15 59 18·74
Lacaille 6662.		
July 21	M	15 59 27·67
27	M	27·82
Aug. 13	M	27·54
Lacaille 6673.		
July 30	M	15 59 41·31
Aug. 3	M	41·36
14	F	41·22
Lacaille 6685.		
July 22	I	16 0 36·78
28	C	36·48
Aug. 11	F	36·63

Day.	Observer.	h. m. s.
Lacaille 6676.		
June 29	C	16 0 46·64
July 3	C	46·52
31	F	46·37
Lacaille 6683.		
July 10	M	16 1 24·56
23	C	24·57
24	M	24·62
Lacaille 6679.		
June 26	M	16 1 50·60
July 2	I	50·68
5	F	50·89
17	C	50·57
Lacaille 6705.		
June 25	F	16 3 26·36
30	F	26·16
July 1	M	26·08
Lacaille 6701.		
June 28	M	16 4 4·89
July 16	F	4·72
26	I	4·46
Lacaille 6721.		
June 18	I	16 5 1·79
July 3	C	1·84
21	M	1·99
Lacaille 6722.		
June 21	C	16 5 30·56
29	C	30·62
July 20	C	30·64

Day.	Observer.	h. m. s.
Lacaille 6742.		
July 5	F	16 7 32·54
10	M	32·46
20	C	32·67
24	M	32·54
δ Ophiuchi.		
July 27	M	16 7 47·76
30	M	47·75
31	F	47·76
Aug. 3	M	47·67
10	M	47·73
12	I	47·77
13	M	47·70
Lacaille 6731.		
June 26	M	16 8 23·17
July 21	M	23·24
22	I	23·42
Lacaille 6743.		
June 21	C	16 8 31·21
24	F	30·95
28	M	31·13
July 3	C	31·06
16	F	31·09
19	F	30·88
20	C	31·09
24	M	31·09
Lacaille 6759.		
June 29	C	16 11 34·66
30	F	34·43
July 1	M	34·38
Lacaille 6779.		
June 24	F	16 14 1·50
28	M	1·81
July 5	F	1·73

Day.	Observer.	h. m. s.
Lacaille 6795.		
June 21	C	16 16 21·51
26	M	21·60
30	F	21·43
July 1	M	21·47
γ Herculis.		
July 10	M	16 16 24·40
Lacaille 6812.		
June 24	F	16 17 43·19
July 2	I	43·29
3	C	43·17
Lacaille 6827.		
June 28	M	16 19 20·29
July 7	C	20·29
10	M	20·25
16	F	20·22
Lacaille 6824.		
June 29	C	16 19 43·84
July 15	I	43·67
17	C	43·75
Lacaille 6831.		
June 26	M	16 20 37·19
July 5	F	37·33
19	F	37·01
Lacaille 6838.		
June 21	C	16 21 39·24
July 3	C	39·08
17	C	39·19

Day.	Observer.	h. m. s.
α Scorpii.		
Jan. 29	M	16 21 44·59
June 7	C	44·64
25	F	44·73
July 1	M	44·60
10	M	44·60
20	C	44·74
Sept. 29	M	44·58
Lacaille 6855.		
June 18	I	16 26 2·19
24	F	2·37
25	F	2·33
Lacaille 6873.		
June 26	M	16 27 50·24
28	M	50·10
29	C	50·33
Lacaille 6880.		
June 21	C	16 28 33·87
30	F	33·65
July 5	F	33·76
Lacaille 6887.		
July 2	I	16 29 22·36
10	M	22·44
19	F	22·29
Lacaille 6886.		
July 3	C	16 29 52·06
16	F	52·17
20	C	52·08
21	M	52·17
26	I	51·87

Day.	Observer.	h. m. s.
Lacaille 6889.		
June 24	F	16 30 15·05
July 23	C	w=½ 14·98
28	C	15·04
Lacaille 6895.		
July 15	I	16 31 25·00
19	F	24·90
28	C	24·70
30	M	24·95
Lacaille 6893.		
June 26	M	16 31 25·18
July 24	M	25·40
29	I	25·24
Lacaille 6896.		
June 28	M	16 31 25·22
July 22	I	25·37
27	M	25·28
Lacaille 6909.		
June 18	I	16 32 17·98
25	F	18·01
30	F	17·88
Lacaille 6921.		
June 21	C	16 34 43·69
29	C	43·98
July 7	C	43·81
Lacaille 6928.		
June 24	F	16 35 41·77
July 3	C	41·59
20	C	41·71

Day.	Observer.	h. m s.
Lacaille 6932.		
June 25	F	16 36 33·43
July 17	C	33·47
21	M	33·54
ζ Herculis.		
July 30	M	16 36 34·40
Lacaille 6936.		
June 26	M	16 36 41·48
July 19	F	41·33
23	C	41·47
Lacaille 6938.		
July 2	I	16 37 17·59
10	M	17·69
24	M	17·86
Lacaille 6944.		
June 30	F	16 37 44·11
July 7	C	44·23
22	I	44·47
26	I	44·14
Lacaille 6956.		
June 24	F	16 39 0·07
July 20	C	0·22
21	M	0·19
Lacaille 6964.		
June 25	F	16 40 42·22
29	C	42·11
Lacaille 6979.		
June 26	M	16 41 36·26
July 3	C	36·24
17	C	36·18

Day.	Observer.	h. m. s.
Lacaille 6985.		
June 15	F	16 43 24·10
July 15	I	24·26
16	F	24·27
Lacaille 6983.		
June 28	M	16 43 45·77
July 10	M	45·63
19	F	45·42
Lacaille 7003.		
June 26	M	16 44 41·42
30	F	41·29
July 21	M	41·27
Lacaille 6997.		
June 24	F	16 44 50·70
July 20	C	50·66
28	C	50·67
Lacaille 6995.		
June 21	C	16 44 58·63
July 23	C	58·55
30	M	58·40
Lacaille 7008.		
June 29	C	16 46 23·57
July 22	I	23·59
29	I	23·53
Lacaille 7013.		
July 2	I	16 47 20·43
27	M	20·50
31	F	20·50

Day.	Observer.	h. m. s.
Lacaille 7027.		
June 28	M	16 47 30·57
July 3	C	30·44
Aug. 2	I	30·69
*** N.P.D. 147° 35′.**		
June 28	M	16 47 33·75
July 3	C	33·81
Aug. 2	I	34·03
Lacaille 7034.		
July 16	F	16 48 17·01
Aug. 3	M	16·93
10	M	17·03
Lacaille 7036.		
June 24	F	16 49 1·23
30	F	1·17
Aug. 11	F	1·22
*** N.P.D. 146° 24′.**		
July 27	M	16 49 50·44
Lacaille 7048.		
June 15	F	16 50 1·04
July 19	F	1·14
Aug. 10	M	1·16
Lacaille 7042.		
July 15	I	16 50 27·86
26	I	27·80
Aug. 3	M	27·85
Lacaille 7057.		
July 21	M	16 50 40·88
31	F	40·82

Day.	Observer.	h. m. s.
Lacaille 7055.		
June 29	C	16 50 57·34
July 23	C	57·44
28	C	57·51
ε Ophiuchi.		
June 18	I	16 51 45·12
July 10	M	45·15
21	M	45·06
Aug. 12	I	45·06
Lacaille 7072.		
June 15	F	16 53 46·25
21	C	46·43
24	F	46·49
July 3	C	46·40
Lacaille 7093.		
June 24	F	16 56 36·56
28	M	36·71
30	F	36·50
Lacaille 7102.		
June 15	F	16 58 42·32
29	C	42·39
July 5	F	42·32
Lacaille 7124.		
June 28	M	17 0 26·03
July 16	F	25·88
21	M	25·93
Lacaille 7115.		
June 26	M	17 0 42·83
July 17	C	42·85
20	C	42·96

Day.	Observer.	h. m. s.
Lacaille 7129.		
June 30	F	17 0 43·83
July 3	C	44·00
23	C	44·05
Lacaille 7136.		
July 1	M	17 2 10·29
19	F	10·25
27	M	10·38
Lacaille 7130.		
July 15	I	17 2 16·24
22	I	16·73
26	I	16·04
Lacaille 7134.		
July 20	C	17 2 37·27
24	M	37·34
28	C	37·19
η Ophiuchi.		
July 31	F	17 3 12·63
Aug. 11	F	12·52
Lacaille 7151.		
June 15	F	17 3 21·18
July 23	C	21·28
29	I	21·23
Lacaille 7152.		
June 29	C	17 3 40·23
July 5	F	40·16
21	M	40·19
Lacaille 7154.		
June 26	M	17 4 6·57
July 3	C	6·68
16	F	6·69

Day.	Observer.	h. m. s.
Lacaille 7161.		
June 24	F	17 7 10·29
July 1	M	10·19
6	M	10·32
Lacaille 7170.		
June 28	M	17 8 9·29
July 3	C	9·23
5	F	9·26
α Herculis.		
June 26	M	17 8 56·88
July 21	M	56·88
24	M	56·84
27	M	56·85
Aug. 13	M	56·83
Lacaille 7173.		
June 25	F	17 9 20·84
29	C	20·76
July 16	F	20·70
Lacaille 7210.		
June 15	F	17 11 57·53
July 6	M	57·59
24	M	57·83
Lacaille 7213.		
June 26	M	17 12 8·94
July 27	M	8·99
Aug. 9	I	8·85
Lacaille 7199.		
June 24	F	17 12 17·29
July 30	M	17·20
Aug. 10	M	17·26

Day.	Observer.	h. m. s.
Lacaille 7218.		
June 28	M	17 12 35·23
July 31	F	35·07
Aug. 11	F	35·08
Lacaille 7217.		
July 22	I	17 12 51·24
Aug. 2	I	51·00
13	M	51·02
Lacaille 7214.		
Aug. 3	M	17 13 2·67
12	I	3·00
17	M	2·82
θ Ophiuchi.		
June 25	F	17 14 20·05
Lacaille 7228.		
July 30	M	17 14 51·00
Aug. 9	I	51·07
10	M	51·04
Lacaille 7233.		
Aug. 18	F	17 14 52·57
23	I	52·71
24	M	52·58
Lacaille 7237.		
Aug. 13	M	17 14 54·73
14	F	54·98
17	M	54·80

Day.	Observer.	h. m. s.
43 Ophiuchi.		
June 30	F	17 15 29·44
July 1	M	29·63
3	C	29·62
5	F	29·56
6	M	29·65
10	M	29·80
16	F	29·60
17	C	29·57
20	C	29·65
21	M	29·71
23	C	29·72
24	M	29·65
27	M	29·48
28	C	29·66
29	I	29·69
Lacaille 7239.		
June 25	F	17 16 20·96
July 31	F	20·75
Aug. 11	F	20·76
Lacaille 7251.		
June 26	M	17 17 58·41
Aug. 2	I	58·48
3	M	58·39
Lacaille 7263.		
June 28	M	17 18 18·42
July 22	I	18·33
Aug. 10	M	18·22
Lacaille 7271.		
July 1	M	17 19 48·87
5	F	49·31
30	M	49·18
Lacaille 7281.		
June 25	F	17 20 46·24
30	F	45·89
July 3	C	46·00

Day.	Observer.	h. m. s.
Lacaille 7291.		
July 2	I	17 23 31·43
31	F	31·55
Aug. 2	I	31·52
Lacaille 7309.		
June 28	M	17 24 26·52
July 5	F	26·40
6	M	26·20
Lacaille 7328.		
June 25	F	17 26 50·24
30	F	49·89
July 3	C	50·02
Lacaille 7339.		
June 24	C	17 27 29·28
July 20	C	29·31
23	C	29·41
Lacaille 7335.		
July 1	M	17 27 41·95
6	M	41·92
24	M	42·21
α Ophiuchi.		
July 16	F	17 29 7·87
21	M	7·84
24	M	7·87
27	M	7·96
30	M	7·89
31	F	7·85
Aug. 11	F	7·88
12	I	7·85
17	M	7·94
24	M	7·92

Day.	Observer.	h. m. s.
Lacaille 7368.		
June 24	C	17 32 26·77
July 17	C	26·80
22	I	26·97
Lacaille 7370.		
July 1	M	17 32 53·01
16	F	53·11
21	M	53·07
Lacaille 7364.		
June 28	M	17 33 28·26
July 20	C	28·06
23	C	28·29
Lacaille 7366.		
July 26	I	17 33 39·48
Lacaille 7381.		
June 26	M	17 34 10·14
July 24	M	10·23
27	M	10·17
Lacaille 7384.		
June 24	C	17 35 47·63
July 28	C	47·70
Aug 10	M	47·68
Lacaille 7387.		
July 30	M	17 35 55·25
31	F	55·41
Aug. 13	M	55·33
Lacaille 7388.		
Aug. 3	M	17 35 58·97
12	I	59·38
18	F	58·98

Day.	Observer.	h. m. s.
Lacaille 7392.		
Aug. 2	I	17 35 59·59
9	J	59·54
17	M	59·61
β Ophiuchi.		
July 10	M	17 37 17·92
21	M	17·85
Lacaille 7410.		
Aug. 10	M	17 37 56·08
23	I	56·34
31	F	56·00
Lacaille 7396.		
Aug. 17	M	17 37 57·40
30	F	57·27
Sept. 1	M	57·00
Lacaille 7413.		
Aug. 9	I	17 38 12·84
11	F	12·96
Sept. 6	M	12·96
Lacaille 7403.		
Aug. 26	I	17 38 19·44
28	F	19·55
Sept. 2	I	19·37
Lacaille 7408.		
Aug. 3	M	17 38 50·19
18	F	50·02
Sept. 3	F	50·23

Day.	Observer.	h. m. s.
3 Sagittarii.		
June 24	C	17 39 41·52
26	M	41·53
29	C	41·60
30	F	41·46
July 5	F	41·44
6	M	41·56
10	M	41·59
16	F	41·54
20	C	41·55
21	M	41·57
23	C	41·71
24	M	41·60
27	M	41·60
28	C	41·40
29	I	41·60
Lacaille 7419.		
July 30	M	17 40 20·82
Aug. 13	M	20·87
14	F	20·86
Lacaille 7421.		
July 31	F	17 40 47·17
Aug. 9	I	47·13
24	M	47·07
μ Herculis.		
Aug. 31	F	17 41 33·88
Lacaille 7439.		
July 2	I	17 42 19·27
Aug. 2	I	19·25
10	M	19·14
B.A.C. 6024.		
June 5	M	17 42 31·86
21	C	31·97

Day.	Observer.	h. m. s.
Lacaille 7444.		
July 30	M	17 43 1·29
Aug. 3	M	1·50
9	I	1·45
Lacaille 7455.		
July 20	C	17 44 13·80
23	C	13·99
28	C	13·66
Lacaille 7472.		
July 5	F	17 46 47·50
27	M	47·53
31	F	47·42
Lacaille 7471.		
July 10	M	17 47 2·69
29	I	2·72
Aug. 9	I	2·48
Lacaille 7476.		
July 24	M	17 47 48·33
30	M	48·13
Aug. 9	I	48·16
Lacaille 7484.		
July 26	I	17 49 3·81
28	C	3·99
Aug. 2	I	3·94
Lacaille 7487.		
July 20	C	17 49 50·73
23	C	50·63
Aug. 3	M	50·69

Day.	Observer.	h. m. s.
89 Herculis.		
June 28	M	17 50 22·62
July 1	M	22·50
Aug. 10	M	22·63
Lacaille 7501.		
July 2	I	17 50 55·06
6	M	54·99
31	F	54·92
Lacaille 7495.		
July 5	F	17 51 7·75
24	M	7·85
30	M	7·69
Lacaille 7517.		
July 3	C	17 53 22·26
27	M	22·46
29	I	22·34
Lacaille 7518.		
July 3	C	17 53 41·41
10	M	41·56
27	M	41·49
29	I	41·59
Lacaille 7528.		
June 28	M	17 55 32·16
July 6	M	31·98
23	C	31·96
Lacaille 7523.		
July 1	M	17 55 32·91
5	F	33·37
20	C	33·33
Lacaille 7527.		
Aug. 25	F	17 56 32·76
Lacaille 7537.		
July 15	I	17 57 47·27
31	F	47·21
Aug. 10	M	47·35
Brisbane 6303.		
July 26	I	17 58 49·12
Aug. 2	I	49·09
13	M	48·97
Lacaille 7540.		
June 24	C	17 58 55·31
Aug. 3	M	55·31
11	F	55·38
Lacaille 7544.		
July 24	M	18 0 7·19
Aug. 9	I	6·99
14	F	7·36
B.A.C. 6127.		
June 26	M	18 0 9·91
28	M	10·05
29	C	9·98
Lacaille 7560.		
July 29	I	18 1 1·62
31	F	1·62
Aug. 17	M	1·78
Lacaille 7564.		
July 30	M	18 1 15·65
Aug. 10	M	15·66
13	M	15·60
Lacaille 7567.		
July 20	C	18 1 17·41
23	C	17·42
Aug. 18	F	17·34
72 Ophiuchi.		
Aug. 3	M	18 1 25·36
Lacaille 7566.		
July 30	M	18 1 27·19
Aug. 10	M	27·12
13	M	27·03
Lacaille 7561.		
July 5	F	18 2 14·85
Aug. 24	M	14·80
25	F	14·83
Lacaille 7577.		
July 30	M	18 3 48·38
Aug. 10	M	48·49
26	I	48·56
Lacaille 7584.		
July 24	M	18 4 18·00
Aug. 12	I	18·05
23	I	17·84
Lacaille 7596.		
July 20	C	18 5 23·19
23	C	23·24
Aug. 18	F	23·01
Lacaille 7593.		
July 16	F	18 5 29·47
Aug. 13	M	29·15
14	F	29·46

Day.	Observer.	h. m. s.
Lacaille 7594.		
July 26	I	18 5 42·74
Aug. 17	M	42·99
28	F	42·84
μ Sagittarii.		
Mar. 5	M	18 6 17·24
June 5	M	17·12
July 1	M	17·31
Aug. 31	F	17·24
Lacaille 7608.		
July 27	M	18 6 35·70
Aug. 3	M	35·68
24	M	35·73
Lacaille 7614.		
July 5	F	18 7 14·85
23	C	14·94
31	F	14·80
Lacaille 7601.		
July 20	C	18 7 34·84
22	I	35·06
Aug. 25	F	34·91
Lacaille 7625.		
July 29	I	18 9 30·48
Aug. 17	M	30·51
18	F	30·53
Lacaille 7633.		
July 24	M	18 9 47·71
Aug. 10	M	47·57
14	F	47·68

Day.	Observer.	h. m. s.
B.A.C. 6194.		
June 17	C	18 10 13·50
21	C	13·70
24	C	13·75
Lacaille 7649.		
July 5	F	18 11 41·41
16	F	41·45
31	F	41·31
*** N.P.D. 145° 37′.**		
July 31	F	18 11 41·49
Aug. 31	F	41·49
Sept. 3	F	41·56
Lacaille 7638.		
July 17	C	18 11 42·34
Aug. 11	F	42·26
25	F	42·20
Lacaille 7641.		
July 27	M	18 11 42·74
Aug. 3	M	42·76
24	M	42·68
Lacaille 7658.		
July 20	C	18 13 14·81
26	I	14·81
Aug. 9	I	14·79
Lacaille 7656.		
July 23	C	18 13 40·11
Aug. 2	I	40·06
18	F	40·06

Day.	Observer.	h. m. s.
Lacaille 7663.		
July 24	M	18 14 34·88
Aug. 3	M	34·76
12	I	34·88
η Serpentis.		
July 3	C	18 14 50·60
30	M	50·53
Sept. 1	M	50·52
9	M	50·40
Lacaille 7696.		
July 17	C	18 19 10·46
21	M	10·52
22	I	10·42
Lacaille 7691.		
July 20	C	18 19 41·78
23	C	41·94
27	M	41·89
Brisbane 6402.		
July 20	C	18 19 51·04
23	C	51·05
λ Sagittarii.		
June 5	M	18 20 15·41
July 3	C	15·38
16	F	15·35
24	M	15·38
Aug. 11	F	15·26
24	M	15·43
Sept. 1	M	15·30
6	M	15·28
9	M	15·26

Day.	Observer.	h. m. s.
Lacaille 7704.		
July 26	I	18 20 49·56
29	I	49·65
31	F	49·57
Lacaille 7716.		
July 5	F	18 22 31·84
Aug. 3	M	31·72
11	F	31·90
Lacaille 7742.		
July 16	F	18 24 43·06
27	M	43·11
31	F	43·16
Lacaille 7755.		
July 20	C	18 26 9·53
23	C	9·56
Aug. 18	F	9·37
Lacaille 7744.		
July 21	M	18 26 54·09
28	C	53·88
Aug. 23	I	54·07
Lacaille 7753.		
July 24	M	18 27 48·13
Aug. 3	M	48·11
12	I	48·38
Lacaille 7760.		
July 19	F	18 28 16·10
26	I	16·28
29	I	16 27

Day.	Observer.	h. m. s.
Lacaille 7764.		
July 10	M	18 28 50·00
Aug. 2	I	50·33
11	F	50·07
13	M	49·82
17	M	50·23
Lacaille 7768.		
July 16	F	18 29 23·96
31	F	23·89
Aug. 2	I	24·12
Lacaille 7766.		
July 27	M	18 30 9·56
Aug. 9	I	9·54
14	F	9·70
* N.P.D. 146° 11′.		
Sept. 1	M	18 30 21·43
2	I	21·62
9	M	21·54
Lacaille 7773.		
July 23	C	18 31 25·71
Aug. 26	I	25·65
30	I	25·73
Lacaille 7783.		
Aug. 31	F	18 31 27·89
Sept. 3	F	27·87
8	F	27·88
α Lyræ.		
July 3	C	18 32 42·40
Aug. 24	M	42·29
Sept. 6	M	42·26

Day.	Observer.	h. m. s.
Lacaille 7799.		
July 26	I	18 32 58·71
Aug. 10	M	58·76
13	M	58·70
Lacaille 7792.		
July 24	M	18 33 11·88
28	C	11·86
Aug. 16	I	12·00
17	M	11·83
Lacaille 7797.		
July 20	C	18 33 48·16
31	F	48·00
Aug. 11	F	48·13
Lacaille 7817.		
July 16	F	18 34 47 66
Aug. 12	I	47·78
14	F	47·68
2 Aquilæ.		
Aug. 3	M	18 35 25·79
10	M	25·66
Lacaille 7820.		
July 21	M	18 36 8·98
27	M	9·01
29	I	9·01
* N.P.D. 152° 21′.		
July 23	C	18 36 29·29
Sept. 2	I	29·35
3	F	29·30

Day.	Observer.	h. m. s.
Lacaille 7821.		
Aug. 13	M	18 37 12·31
31	F	12·42
Sept. 1	M	12·26
Lacaille 7832.		
July 19	F	18 38 33·55
20	C	33·75
28	C	33·74
Aug. 9	I	33·65
Lacaille 7840.		
July 21	M	18 40 15·30
26	I	15·13
Aug. 2	I	15·34
Lacaille 7841.		
Aug. 11	F	18 40 37·77
14	F	37·89
17	M	37·81
Lacaille 7882.		
July 16	F	18 45 14·97
20	C	15·06
29	I	15·16
β^1 Lyræ.		
Aug. 24	M	18 45 27·89
28	F	27·75
Lacaille 7879.		
July 21	M	18 46 28·24
22	I	28·37
Aug. 2	I	28·34
Lacaille 7895.		
July 19	F	18 47 29·41
23	C	29·55
28	C	29·45
Lacaille 7907.		
July 19	F	18 49 3·10
23	C	3·35
28	C	3·20
Lacaille 7905.		
July 26	I	18 49 22·86
Aug. 9	I	22·81
13	M	22·90
Lacaille 7917.		
July 29	I	18 50 1·06
Aug. 10	M	0·99
17	M	1·17
Lacaille 7924.		
July 21	M	18 52 11·98
Aug. 11	F	12·02
18	F	11·98
23	I	12·01
Lacaille 7937.		
July 16	F	18 52 38·17
22	I	38·32
Aug. 2	I	38·30
Lacaille 7933.		
July 23	C	18 52 38·66
Aug. 12	I	38·77
17	M	38·65
Lacaille 7942.		
July 23	C	18 53 17·84
Aug. 12	I	17·91
17	M	17·62
ε Aquilæ.		
Aug. 28	F	18 53 56·93
Lacaille 7938.		
July 21	M	18 54 4·97
Aug. 13	M	5·28
14	F	5·36
Lacaille 7974.		
July 29	I	18 58 30·95
Aug. 9	I	30·79
11	F	30·92
14	F	30·97
Lacaille 7977.		
July 23	C	18 59 34·75
28	C	34·45
Aug. 12	I	34·68
13	M	34·47
ζ Aquilæ.		
July 16	F	18 59 39·82
Lacaille 7980. (Neb.)		
July 23	C	18 59 49·05
Aug. 17	M	49·17
30	I	49·68
Brisbane 6583.		
Aug. 31	F	19 1 56·13
Sept. 1	M	55·95
2	I	56·16

Day.	Observer.	h. m. s.
Lacaille 8011.		
July 21	M	19 4 6·16
Aug. 14	F	6·26
18	F	6·00
Lacaille 8018.		
Aug. 2	I	19 5 47·03
11	F	46·89
17	M	46·99
ψ Sagittarii.		
Aug. 13	M	19 7 52·49
Lacaille 8035.		
July 21	M	19 8 20·65
26	I	20·40
Aug. 12	I	20·77
ω Aquilæ.		
Aug. 31	F	19 11 56·91
Sept. 2	I	56·92
*** N.P.D. 153° 11′.**		
July 23	C	19 12 22·34
Lacaille 8057.		
July 21	M	19 12 39·61
23	C	39·96
Aug. 11	F	39·60
Brisbane 6634.		
July 31	F	19 13 20·61
Aug 17	M	20·62
18	F	20·42

Day.	Observer.	h. m. s.
Lacaille 8071.		
July 27	M	19 14 9·18
Aug. 13	M	9·03
17	M	8·90
Lacaille 8073.		
July 29	I	19 14 48·58
Aug. 12	I	48·76
14	F	48·56
Lacaille 8082.		
Aug. 2	I	19 16 6·30
23	I	6·23
25	F	6·19
δ Aquilæ.		
July 21	M	19 19 11·74
Lacaille 8099.		
July 23	C	19 19 41·08
31	F	40·90
Aug. 26	I	41·00
Lacaille 8101.		
Aug. 13	M	19 20 25·82
14	F	25·92
28	F	25·86
Sept. 1	M	25·53
Lacaille 8102.		
Aug. 17	M	19 21 14·33
24	M	14·23
31	F	14·27

Day.	Observer.	h. m. s.
Lacaille 8125.		
July 31	F	19 26 30·73
Aug. 9	I	30·74
28	F	30·82
Lacaille 8131.		
Aug. 2	I	19 27 48·11
17	M	47·96
26	I	47·93
Lacaille 8142.		
Aug. 13	M	19 27 54·56
24	M	54·61
31	F	54·59
Lacaille 8149.		
July 29	I	19 28 59·55
Aug. 12	I	59·64
23	I	59·46
Sept. 1	M	59·32
2	I	59·41
μ^2 Sagittarii.		
July 21	M	19 29 5·89
Aug. 10	M	5·91
Lacaille 8150.		
Sept. 3	F	19 29 18·89
Oct. 8	F	18·89
Lacaille 8155.		
July 24	M	19 30 20·72
Aug. 28	F	20·49
Sept. 1	M	20·47

Day.	Observer.	h. m. s.
Lacaille 8165.		
July 31	F	19 31 32·48
Aug. 31	F	32·57
Sept. 6	M	32·47
Lacaille 8163.		
Aug. 17	M	19 31 51·61
24	M	51·59
25	F	51·65
Lacaille 8180.		
July 24	M	19 35 50·33
31	F	50·26
Aug. 28	F	50·33
Lacaille 8200.		
Aug. 13	M	19 37 48·18
25	F	48·18
31	F	48·14
Lacaille 8199.		
Aug. 2	I	19 37 53·19
12	I	53·21
Sept. 1	M	52·91
Lacaille 8194.		
Aug. 9	I	19 38 0·14
26	I	0·27
Sept. 6	M	0·20
Lacaille 8201.		
Aug. 24	M	19 39 24·80
Sept. 3	F	24·75
8	F	24·73

Day.	Observer.	h. m. s.
Lacaille 8204.		
Aug. 17	M	19 39 25·21
28	F	25·20
Sept. 9	M	24·94
Lacaille 8207.		
July 31	F	19 40 7·62
Sept. 15	M	7·56
16	F	7·77
γ Aquilæ.		
July 20	C	19 40 18·93
Sept. 1	M	18·91
2	I	18·94
Lacaille 8220.		
Aug. 13	M	19 41 52·92
31	F	52·99
Sept 17	M	53·06
Lacaille 8215.		
Aug. 24	M	19 42 17·85
Sept. 10	I	17·95
16	F	18·05
Lacaille 8227.		
Aug. 17	M	19 42 39·43
25	F	39·44
Sept. 6	M	39·48
*** N.P.D. 145° 17′.**		
Aug. 17	M	19 42 40·85
25	F	40·82
Sept. 6	M	40·82

Day.	Observer.	h. m. s.
Lacaille 8226.		
Sept. 1	M	19 43 44·80
8	F	44·86
15	M	44·77
α Aquilæ.		
Jan. 29	M	19 44 41·04
Mar. 30	M	41·07
Apr. 2	M	41·13
July 20	C	41·07
24	M	41·04
31	F	40·97
Aug. 11	F	41·15
12	I	41·02
13	M	40·96
24	M	40·93
Sept. 17	M	40·94
Lacaille 8245.		
Aug. 28	F	19 46 35·61
Sept. 3	F	35·62
9	M	35·37
Lacaille 8247.		
July 31	F	19 46 36·66
Aug. 25	F	36·59
Sept. 6	M	36·63
Lacaille 8244.		
Aug. 13	M	19 48 11·62
β Aquilæ.		
July 24	M	19 49 10·49
Aug. 17	M	10·35
Sept. 16	F	10·32

Day.	Observer	h. m. s.
Lacaille 8264.		
Aug. 2	I	19 49 28·93
18	F	28·71
31	F	28·73
Lacaille 8251.		
Aug. 13	M	19 49 41·17
Lacaille 8265.		
Aug. 12	I	19 50 37·69
Sept. 1	M	37·38
10	I	37·56
Lacaille 8266.		
Aug. 17	M	19 50 38·18
28	F	38·15
Sept. 9	M	38·16
15	M	38·02
Lacaille 8269.		
July 31	F	19 51 11·97
Sept. 8	F	12·03
16	F	12·12
Lacaille 8283.		
Aug. 9	I	19 53 57·32
26	I	57·37
31	F	57·27
Lacaille 8320.		
July 31	F	19 57 44·01
Aug. 24	M	43·92
25	F	44·00
Sept. 1	M	43·90

Day.	Observer.	h. m. s.
*** N.P.D 154° 1′.**		
Aug. 12	I	19 58 46·29
Sept. 3	F	45·87
8	F	45·72
Lacaille 8319.		
Aug. 12	I	19 58 55·40
18	F	54·96
31	F	55·07
Sept. 6	M	55·04
Lacaille 8337.		
Aug. 17	M	20 0 57·80
26	I	57·75
Sept. 9	M	57·67
Lacaille 8347.		
Aug. 23	I	20 3 9·21
Sept. 10	I	9·20
16	F	9·20
Lacaille 8343.		
Aug. 9	I	20 3 12·74
Sept. 6	M	12·50
15	M	12·61
Brisbane 6809.		
Aug. 13	M	20 3 18·67
Sept. 8	F	18·61
17	M	18·79
Lacaille 8349.		
Aug. 24	M	20 3 30·63
31	F	30·58
Sept. 22	M	30·56

Day.	Observer.	h. m s.
Lacaille 8363. (1.)		
Aug. 28	F	20 4 53·15
Sept. 9	M	53·00
17	M	53·06
Lacaille 8363. (2.)		
Aug. 28	F	20 4 53·57
Sept. 9	M	53·69
17	M	53·68
Lacaille 8370.		
Aug. 12	I	20 7 55·83
31	F	55·42
Sept. 16	F	55·62
Lacaille 8368.		
Aug. 26	I	20 7 60·20
Sept. 6	M	60·08
15	M	59·98
Lacaille 8384.		
Aug. 9	I	20 10 23·44
28	F	23·65
Sept. 9	M	23·50
Lacaille 8389.		
Aug. 13	M	20 10 48·31
Sept. 8	F	48·16
10	I	48·20
a^2 Capricorni.		
Sept. 15	M	20 11 7·05
Lacaille 8416.		
Aug. 13	M	20 15 44·83
Sept. 3	F	44·74
6	M	44·91

Day.	Observer.	h. m. s.
Lacaille 8422.		
Aug. 12	I	20 19 28·08
23	I	27·91
Sept. 8	F	27·76
Lacaille 8428.		
Aug. 9	I	20 19 37·62
24	M	37·61
Sept. 3	F	37·67
ρ Capricorni.		
Aug. 17	M	20 21 43·75
24	M	43·78
Sept 9	M	43·78
16	F	43·76
Lacaille 8456.		
Aug. 24	M	20 23 52·76
26	I	52·98
31	F	52·82
Lacaille 8461.		
Aug. 25	F	20 25 12·68
Sept. 8	F	12·64
15	M	12·67
Lacaille 8464.		
Aug. 9	I	20 25 51·20
23	I	51·33
Sept. 16	F	51·37
Lacaille 8470.		
Sept. 3	F	20 27 5·51
6	M	5·38
9	M	5·43

Day.	Observer.	h. m. s.
Lacaille 8444.		
Aug. 17	M	20 27 34·88
Sept. 10	I	34·40
24	I	34·59
Lacaille 8482.		
Sept. 6	M	20 28 54·12
9	M	54·09
22	M	53·88
Lacaille 8484.		
Aug. 31	F	20 29 9·48
Sept. 17	M	9·43
23	F	9·34
Lacaille 8490.		
Aug. 25	F	20 29 40·22
Sept. 15	M	40·26
16	F	40·44
Lacaille 8508.		
Aug. 13	M	20 34 36·15
23	I	36·28
24	M	36·05
Lacaille 8541.		
Aug. 17	M	20 38 52·13
24	M	52·17
25	F	52·09
ε Aquarii.		
Oct. 2	F	20 40 54·46
Lacaille 8550.		
Aug. 24	M	20 41 11·47
31	F	11·37
Sept. 3	F	11·45

Day.	Observer.	h. m. s.
Lacaille 8558.		
Aug. 23	I	20 42 42·48
26	I	42·39
Sept. 15	M	42·06
Lacaille 8571.		
Aug. 25	F	20 43 46·38
Sept. 10	I	46·37
16	F	46·41
Lacaille 8568.		
Sept. 9	M	20 43 52·38
24	I	52·49
25	M	52·38
Lacaille 8584.		
Sept. 17	M	20 45 1·54
Oct. 1	M	1·57
2	F	1·53
Lacaille 8599.		
Aug. 31	F	20 46 31·01
Sept. 28	M	30·97
29	F	31·07
Lacaille 8605.		
Sept. 9	M	20 46 48·39
22	M	48·28
25	M	48·27
32 Vulpeculæ.		
Aug. 17	M	20 49 13·82
24	M	13 87
Sept. 2	I	13·92
15	M	13·93
17	M	13·88

Day.	Observer.	h. m. s.
Lacaille 8634.		
Aug. 25	F	20 54 51·91
31	F	51·96
Sept. 9	M	52·14
Lacaille 8648.		
Aug. 28	F	20 56 1·83
Sept. 15	M	1·75
18	F	1·61
Lacaille 8659.		
Aug. 24	M	20 57 17·63
Sept. 8	F	17·63
16	F	17·61
Lacaille 8656.		
Sept. 2	I	20 57 36·86
17	M	37·08
25	M	36·82
Lacaille 8654.		
Sept. 10	I	20 58 8·04
28	M	8·11
Oct. 1	M	7·97
Lacaille 8665.		
Sept. 23	F	20 58 30·50
29	F	30·61
Oct. 13	F	30·52
Lacaille 8666.		
Sept. 9	M	20 59 43·49
Oct. 4	I	43·61
15	M	43·42

Day.	Observer.	h. m. s.
Lacaille 8676.		
Aug. 31	F	20 59 46·47
Oct. 8	F	46·33
19	M	46·54
Lacaille 8679.		
Sept. 15	M	20 59 51·30
Oct. 12	M	51·38
23	M	51·49
Lacaille 8680.		
Aug. 25	F	21 0 43·17
Oct. 14	I	43·39
26	M	43·08
Lacaille 8687.		
Aug. 23	I	21 1 16·14
Sept. 25	M	16·16
Oct. 2	F	16·13
Lacaille 8692.		
Sept. 16	F	21 2 14·98
17	M	15·00
28	M	15·12
Lacaille 8694.		
Sept. 2	I	21 2 50·15
8	F	50·01
23	F	49·97
Oct. 13	F	50·17
B Octantis.		
May 8	C	S.P. 21 3 53·98
8	M	53·71
9	M	S.P. 48·06
9	M	47·96
10	C	S.P. 53·14
10	F	53·07
11	M	S.P. 46·20
11	M	46·74

Day.	Observer.	h. m. s.
Lacaille 8709.		
Aug. 31	F	21 4 24·83
Sept. 10	I	24·93
18	F	24·80
Lacaille 8705.		
Aug. 24	M	21 4 48·30
Oct. 1	M	48·14
8	F	48·12
Lacaille 8712.		
Aug. 25	F	21 5 0·48
Sept. 29	F	0·63
Oct. 11	I	0·54
Lacaille 8714.		
Aug. 28	F	21 5 43·62
Oct. 2	F	43·50
12	M	43·46
Lacaille 8718.		
Sept. 9	M	21 6 17·59
15	M	17·46
25	M	17·43
Lacaille 8730.		
Sept. 16	F	21 7 20·56
23	F	20·55
Oct. 4	I	20·58
ζ Cygni.		
Oct. 19	M	21 7 36·94
Lacaille 8728.		
Sept. 17	M	21 7 54·89
28	M	54·92

Day.	Observer.	h. m. s.
Lacaille 8733.		
Sept. 2	I	21 8 46·77
8	F	46·87
18	F	46·40
*** N.P.D. 151° 27′.**		
Sept. 29	F	21 8 53·04
Lacaille 8748.		
Aug. 28	F	21 10 35·96
31	F	35·88
Sept. 23	F	36·14
Lacaille 8763.		
Aug. 25	F	21 12 21·15
Sept. 10	I	21·32
16	F	21·29
Lacaille 8762.		
Sept. 8	F	21 12 48·57
17	M	48·80
25	M	48·61
Lacaille 8775.		
Aug. 24	M	21 13 30·13
Sept. 28	M	30·13
Oct. 2	F	30·06
Lacaille 8770.		
Sept. 9	M	21 13 33·64
15	M	33·37
18	F	33·41
*** N.P.D. 146° 4′.**		
Aug. 31	F	21 14 35·27
Sept. 29	F	35·37
Oct. 4	I	35·31

Day.	Observer.	h. m. s.
Lacaille 8784.		
Sept. 9	M	21 15 32·67
23	F	32·46
Oct. 8	F	32·54
Lacaille 8789.		
Aug. 28	F	21 16 54·65
Sept. 2	I	54·54
17	M	54·56
Lacaille 8792.		
Sept. 8	F	21 17 19·62
15	M	19·69
16	F	19·64
Lacaille 8810.		
Sept. 1	M	21 21 1·61
25	M	1·60
28	M	1·64
*** N.P.D. 146° 49′.**		
Sept. 29	F	21 21 2·13
Oct. 1	M	2·05
2	F	2·11
Lacaille 8820.		
Sept. 15	M	21 21 55·78
17	M	55·80
18	F	55·79
Lacaille 8826.		
Aug. 31	F	21 23 37·27
Sept. 16	F	37·29
23	F	37·25

Day.	Observer.	h. m. s.
β Aquarii.		
Aug. 24	M	21 24 58·67
28	F	58·68
Sept. 15	M	58·56
17	M	58·64
Lacaille 8831.		
Sept. 1	M	21 25 56·10
9	M	56·17
15	M	56·07
*** N.P.D 150° 14′.**		
Sept. 16	F	21 26 21·90
24	I	21·98
25	M	21·79
Lacaille 8856.		
Sept. 1	M	21 31 4·83
2	I	4·87
9	M	4·89
ξ Aquarii.		
Sept. 25	M	21 31 5·76
Lacaille 8858.		
Aug. 28	F	21 31 43·65
Sept. 10	I	43·78
15	M	43·67
Lacaille 8872.		
Sept. 6	M	21 34 45·38
16	F	45·50
22	M	45·45

Day.	Observer.	h. m. s.
Lacaille 8876.		
Aug. 24	M	21 34 49·33
Sept. 18	F	49·36
Oct. 1	M	49·27
Lacaille 8877.		
Sept. 1	M	21 35 4·98
17	M	5·04
25	M	5·07
28	M	5·15
Lacaille 8878.		
Sept. 1	M	21 35 6·56
17	M	6·67
25	M	6·48
28	M	6·69
Lacaille 8881.		
Sept. 8	F	21 35 14·48
Oct. 4	I	14·43
Lacaille 8882.		
Sept. 9	M	21 35 17·98
29	F	18·06
Oct. 8	F	17·86
Lacaille 8884.		
Sept. 15	M	21 35 32·50
Oct. 2	F	32·48
11	I	32·56
Lacaille 8888.		
Aug. 28	F	21 36 50·07
Sept. 16	F	50·06
Oct. 12	M	49·95

Day.	Observer.	h. m. s.
ε Pegasi.		
Oct. 15	M	21 38 2·70
Lacaille 8908.		
Sept. 6	M	21 40 8·89
10	I	9·13
17	M	8·92
Lacaille 8919.		
Aug. 28	F	21 42 1·93
Sept. 18	F	1·72
24	I	1·73
Lacaille 8920.		
Sept. 1	M	21 42 50·47
16	F	50·59
22	M	50·62
Lacaille 8926.		
Sept. 2	I	21 43 18·78
23	F	18·72
Oct. 2	F	18·78
Lacaille 8928.		
Sept. 9	M	21 43 19·17
15	M	19·03
Oct. 1	M	19·22
Lacaille 8932.		
Sept. 6	M	21 44 1·14
28	M	1·15
29	F	1·20
Lacaille 8933.		
Sept. 17	M	21 44 8·85
Oct. 4	I	8·94
12	M	8·81

Day.	Observer.	h. m. s.
Lacaille 8931.		
Sept. 25	M	21 44 34·66
Oct. 8	F	34·82
14	I	34·91
Lacaille 8939.		
Aug. 31	F	21 45 56·91
Oct. 2	F	57·00
15	M	56·98
16 Pegasi.		
Aug. 24	M	21 47 22·43
28	F	22·48
Sept. 25	M	22·43
Oct. 15	M	22·40
Lacaille 8950.		
Sept. 1	M	21 47 26·75
Oct. 5	F	26·66
18	I	26·84
Lacaille 8949.		
Sept. 9	M	21 47 45·10
15	M	44·90
Oct. 2	F	44·82
Lacaille 8954.		
Sept. 10	I	21 47 49·62
24	I	49·79
Oct. 1	M	49·85
Lacaille 8962.		
Sept. 6	M	21 49 23·86
23	F	23·85
Oct. 8	F	23·93

Day.	Observer.	h. m. s.
Lacaille 8960.		
Sept. 2	I	21 49 26·99
25	M	27·00
28	M	26·99
Lacaille 8959.		
Aug. 31	F	21 49 38·83
Sept. 17	M	38·85
Oct. 12	M	38·76
Lacaille 8973.		
Sept. 1	M	21 51 51·43
Oct. 1	M	51·56
2	F	51·42
Lacaille 8975.		
Sept. 9	M	21 53 47·26
15	M	47·17
17	M	47·23
Lacaille 8992.		
Aug. 31	F	21 55 8·91
Sept. 23	F	8·88
24	I	8·94
Lacaille 8997.		
Sept. 1	M	21 56 5·78
2	I	5·81
25	M	5·78
Lacaille 9001.		
Sept. 17	M	21 57 3·15
Oct. 1	M	3·34
2	F	3·23

Day.	Observer.	h. m. s.
Lacaille 9011.		
Sept. 9	M	21 58 59·52
28	M	59·32
Oct. 5	F	59·36
α Aquarii.		
Oct. 13	F	21 59 21·78
Nov. 10	M	21·83
Lacaille 9018.		
Sept. 15	M	22 0 14·72
25	M	14·68
Oct. 8	F	14·87
Lacaille 9031.		
Aug. 31	F	22 2 26·06
Sept. 23	F	26·16
Oct. 1	M	26·28
Lacaille 9041.		
Sept. 1	M	22 4 26·69
24	I	26·76
Oct. 4	I	26·70
Lacaille 9044.		
Sept. 6	M	22 4 34·72
28	M	34·69
Oct. 2	F	34·72
Lacaille 9051.		
Sept. 2	I	22 5 44·99
25	M	45·10
Oct. 5	F	44·92

Day.	Observer.	h. m. s.
Lacaille 9054.		
Sept. 9	M	22 7 30·97
23	F	30·70
Oct. 1	M	30·69
Lacaille 9060.		
Sept. 15	M	22 7 42·79
17	M	42·84
Oct. 8	F	42·93
Lacaille 9067.		
Sept. 28	M	22 9 10·12
Oct. 2	F	10·21
13	F	10·33
Lacaille 9074.		
Nov. 4	I	22 9 55·36
10	M	55·10
θ Aquarii.		
Aug. 31	F	22 10 14·18
Sept. 1	M	14·18
6	M	14·20
15	M	14·17
17	M	14·24
Lacaille 9087.		
Sept. 25	M	22 11 34·83
Oct. 4	I	34·85
8	F	34·92
Lacaille 9092.		
Sept. 1	M	22 12 15·67
Oct. 1	M	15·67
13	F	15·74

Day.	Observer.	h. m. s.
Lacaille 9096.		
Sept. 2	I	22 13 9·94
15	M	10·03
Oct. 2	F	10·01
Lacaille 9104.		
Sept. 6	M	22 14 24·00
24	I	23·99
28	M	24·07
Lacaille 9112.		
Sept. 1	M	22 16 37·19
25	M	37·05
Oct. 1	M	37·16
Lacaille 9125.		
Sept. 6	M	22 19 6·33
15	M	6·20
16	F	6·46
Lacaille 9129.		
Sept. 2	I	22 20 33·16
24	I	33·22
28	M	33·11
σ Aquarii.		
Oct. 15	M	22 24 1·97
29	M	1·80
Nov. 2	M	1·80
6	M	1·86
Lacaille 9153.		
Sept. 9	M	22 24 31·78
25	M	31·74
29	F	31·87

Day.	Observer.	h. m. s.
Lacaille 9156.		
Sept. 6	M	22 24 51·56
16	F	51·56
23	F	51·48
Lacaille 9154.		
Sept. 15	M	22 24 54·02
Oct. 4	I	54·09
13	F	54·14
Lacaille 9168.		
Sept. 24	I	22 27 30·30
25	M	30·31
Oct. 2	F	30·15
Lacaille 9170.		
Oct. 1	M	22 27 46·11
5	F	46·15
15	M	46·34
Lacaille 9171.		
Sept. 28	M	22 27 55·01
Oct. 14	I	55·21
21	I	55·38
Lacaille 9174.		
Oct. 8	F	22 28 9·38
19	M	9·30
20	M	9·28
Lacaille 9176.		
Sept. 25	M	22 28 12·97
Oct. 2	F	13·02
13	F	13·10

Day.	Observer.	h. m. s.
η Aquarii.		
Sept. 1	M	22 28 55·96
2	I	55·93
6	M	55·96
9	M	55·96
15	M	55·95
Nov. 4	I	56·03
Lacaille 9182.		
Sept. 23	F	22 30 8·32
Oct. 4	I	8·30
23	M	8·38
Lacaille 9198.		
Sept. 16	F	22 32 49·91
28	M	49·76
Oct. 1	M	49·74
Lacaille 9201.		
Sept. 24	I	22 33 19·47
Oct. 5	F	19·38
13	F	19·37
ζ Pegasi.		
Oct. 29	M	22 35 13·71
30	F	13·65
Nov. 1	I	13·70
2	M	13·66
6	M	13·70
Lacaille 9207.		
Sept. 23	F	22 35 35·43
Oct. 2	F	35·38
15	M	35·52

Day.	Observer.	h. m. s.
Lacaille 9213.		
Sept. 25	M	22 36 10·07
Oct. 14	I	10·28
19	M	10·13
Lacaille 9212.		
Oct. 1	M	22 36 11·84
18	I	12·02
21	I	12·22
Lacaille 9217.		
Sept. 28	M	22 36 35·29
Oct. 20	M	35·32
23	M	35·39
Lacaille 9219.		
Sept. 16	F	22 36 57·98
Oct. 4	I	58·03
13	F	58·02
Lacaille 9226.		
Oct. 5	F	22 38 20·21
27	F	20·28
29	M	20·25
Lacaille 9235.		
Sept. 18	F	22 39 21·01
23	F	21·04
Oct. 2	F	21·17
*** N.P.D. 145° 4′.**		
Sept. 18	F	22 39 36·92
23	F	36·93
Oct. 2	F	36·90

Day.	Observer.	h. m. s.
Lacaille 9239.		
Sept. 24	I	22 40 2·58
Oct. 28	I	2·52
Nov. 1	I	2·33
Lacaille 9241.		
Nov. 2	M	22 40 2·70
3	F	2·75
5	F	2·63
Lacaille 9238.		
Oct. 8	F	22 40 13·85
30	F	13·90
Nov. 6	M	13·85
Lacaille 9240.		
Oct. 13	F	22 40 40·54
Nov. 8	F	40·76
10	M	40·41
Lacaille 9252.		
Oct. 15	M	22 41 47·00
19	M	47·01
20	M	47·05
Lacaille 9257.		
Sept. 16	F	22 42 19·37
25	M	19·35
Oct. 21	I	w=¼ 19·70
27	F	19·45
Nov. 5	F	19·38
Lacaille 9258.		
Oct. 1	M	22 42 32·87
29	M	33·00
Nov. 9	I	33·24

Day.	Observer.	h. m. s.
Lacaille 9259.		
Oct. 4	I	22 42 47·16
Nov. 8	F	47·38
10	M	47·02
Lacaille 9264.		
Sept. 25	M	22 42 53·02
Oct. 27	F	53·09
Nov. 5	F	53·25
Lacaille 9265.		
Sept. 2	M	22 43 18·44
Oct. 5	F	18·50
Nov. 3	F	18·61
Lacaille 9267.		
Oct. 14	I	22 43 51·14
30	F	50·92
Nov. 6	M	50·82
Lacaille 9268.		
Oct. 8	F	22 44 1·86
Nov. 2	M	1·75
4	I	2·04
Lacaille 9272.		
Oct. 13	F	22 44 45·30
18	I	45·40
23	M	45·49
Lacaille 9274.		
Oct. 2	F	22 45 6·05
15	M	6·22
19	M	6·25

Day.	Observer.	h. m. s.
Lacaille 9302.		
Sept. 25	M	22 49 43·39
28	M	43·41
Oct. 2	F	43·46
8	F	43·43
Lacaille 9306.		
Oct. 1	M	22 50 13·47
5	F	13·56
13	F	13·52
***α* Piscis Australis.**		
Mar. 30	M	22 50 44·28
Sept. 16	F	44·36
Nov. 2	M	44·25
3	F	44·36
5	F	44·34
8	F	44·40
Lacaille 9310.		
Oct. 4	I	22 51 13·61
21	I	13·94
27	F	13·55
Lacaille 9308.		
Oct. 15	M	22 51 30·63
20	M	30·85
23	M	30·82
Lacaille 9312.		
Oct. 18	I	22 51 47·77
28	I	47·76
29	M	47·66
Lacaille 9320.		
Sept. 16	F	22 53 21·12
18	F	21·14
24	I	21·21
Nov. 3	F	21·13
5	F	20·95

Day.	Observer.	h. m s.
Lacaille 9323.		
Oct. 1	M	22 54 1·04
2	F	1·08
30	F	1·24
Lacaille 9325.		
Oct. 8	F	22 54 17·54
Nov. 1	I	17·30
2	M	17·47
Lacaille 9340.		
Oct. 13	F	22 55 45·97
Nov. 3	F	46·18
5	F	46·08
Lacaille 9342.		
Oct. 15	M	22 56 1·29
28	I	1·27
29	M	1·27
Lacaille 9345.		
Oct. 19	M	22 56 30·40
23	M	30·41
Nov. 2	M	30·41
Lacaille 9346.		
Sept. 25	M	22 56 45·81
28	M	46·00
Oct. 30	F	46·05
***α* Pegasi.**		
Sept. 16	F	22 58 31·97
Nov. 10	M	31·98
Lacaille 9368.		
Sept. 16	F	23 0 47·18
Oct. 2	F	47·16
13	F	47·06

Day.	Observer.	h. m. s.
Lacaille 9372.		
Sept. 24	I	23 1 3·47
Oct. 4	I	3·24
18	I	3·33
Lacaille 9377.		
Sept. 28	M	23 2 52·72
Oct. 15	M	52·76
19	M	52·87
Lacaille 9380.		
Oct. 1	M	23 3 28·54
8	F	28·63
14	I	28·72
Lacaille 9394.		
Sept. 16	F	23 5 48·90
Oct. 2	F	48·78
13	F	48·87
Lacaille 9396.		
Sept. 17	M	23 6 23·00
25	M	22·90
Oct. 23	M	23·11
Lacaille 9403.		
Sept. 24	I	23 7 47·68
Oct. 21	I	47·91
26	M	47·56
Lacaille 9406.		
Sept. 15	M	23 8 4·78
Oct. 26	M	4·56
27	F	4·75

Day.	Obs.	h. m. s.
Lacaille 9405.		
Oct. 4	I	23 8 5·85
28	I	6·00
29	M	5·89
τ Octantis.		
June 5	M	S.P. 23 8 18·49
5	F	18·53
6	F	S.P. 17·53
15	C	18·05
16	M	S.P. 18·06
Lacaille 9410.		
Oct. 14	I	23 9 10·19
30	F	9·96
Nov. 3	F	10·00
Lacaille 9412.		
Nov. 2	M	23 9 25·52
5	F	25·62
6	M	25·60
Lacaille 9413.		
Sept. 17	M	23 9 49·74
Nov. 4	I	49·75
16	M	49·78
Lacaille 9422.		
Nov. 1	I	23 10 4·68
8	F	4·93
15	F	4·74
Lacaille 9420.		
Nov. 10	M	23 10 7·19
11	F	7·28
18	F	7·26

Day.	Obs.	h. m. s.
*** N.P.D. 151° 40′.**		
Oct. 23	M	23 10 29·65
Lacaille 9423.		
Oct. 23	M	23 10 35·25
Nov. 9	I	35·33
17	I	35·13
γ Piscium.		
Sept. 25	M	23 10 41·10
Oct. 2	F	41·03
19	M	41·13
Lacaille 9428.		
Oct. 27	F	23 11 14·09
Nov. 3	F	14·18
6	M	14·09
Lacaille 9431.		
Sept. 16	F	23 11 16·36
Oct. 13	F	16·20
29	M	16·33
30	F	16·31
Lacaille 9438.		
Oct. 2	F	23 12 40·79
Nov. 5	F	40·81
Lacaille 9449.		
Sept. 17	M	23 15 39·37
18	F	39·26
Oct. 26	M	39·28
*** N.P.D. 148° 18′.**		
Oct. 15	M	23 15 43·20
18	I	43·28
23	M	43·21

Day.	Obs.	h. m. s.
Lacaille 9452.		
Sept. 25	M	23 16 15·13
Oct. 4	I	15·06
19	M	15·19
Lacaille 9463.		
Sept. 23	F	23 18 10·78
Oct. 2	F	10·92
27	F	10·91
Lacaille 9465.		
Oct. 13	F	23 19 9·42
14	I	9·45
30	F	9·44
Lacaille 9472.		
Oct. 28	I	23 19 49·60
29	M	49·66
Nov. 5	F	49·37
Lacaille 9471.		
Oct. 21	I	23 19 53·41
Nov. 1	I	53·01
3	F	53·28
Lacaille 9474.		
Oct. 1	M	23 20 6·37
26	M	6·28
29	M	6·40
ε Piscium.		
Sept. 16	F	23 20 31·42
25	M	31·43
Nov. 16	M	31·50

Day.	Observer.	h. m. s.
Lacaille 9481.		
Oct. 19	M	23 21 8·82
Nov. 2	M	8·84
6	M	8·69
Lacaille 9484.		
Oct. 23	M	23 21 41·43
Nov. 4	I	41·40
8	F	41·54
Lacaille 9483.		
Oct. 5	F	23 21 45·93
30	F	45·64
Nov. 3	F	45·84
Lacaille 9488.		
Sept. 29	F	23 22 17·34
Oct. 2	F	17·30
27	F	17·33
Lacaille 9498.		
Sept. 17	M	23 24 30·05
23	F	29·99
Oct. 13	F	29·98
Lacaille 9506.		
Sept. 24	I	23 24 58·95
Oct. 29	M	58·84
30	F	59·05
* N.P.D. 146° 56′.		
Oct. 29	M	23 25 1·28
30	F	1·35
Lacaille 9504.		
Oct. 1	M	23 25 17·32
23	M	17·35
Nov. 1	I	17·28

Day.	Observer.	h. m. s.
* N.P.D. 147° 43′.		
Oct. 15	M	23 26 27·49
Lacaille 9512.		
Oct. 14	I	23 26 31·62
15	M	w=⅓ 31·28
18	I	31·60
Lacaille 9520.		
Oct. 4	I	23 28 6·55
5	F	6·61
13	F	6·58
Lacaille 9521.		
Sept. 23	F	23 28 9·83
29	F	9·96
Oct. 2	F	9·80
Lacaille 9536.		
Sept. 25	M	23 31 20·33
Oct. 21	I	20·68
23	M	20·46
Lacaille 9538.		
Oct. 1	M	23 31 42·75
15	M	42·70
26	M	42·74
ι Piscium.		
Sept. 17	M	23 33 31·22
Oct. 2	F	31·25
27	F	31·22
30	F	31·21
Nov. 1	I	31·24
4	I	31·28

Day.	Observer.	h. m. s.
Lacaille 9549.		
Sept. 25	M	23 34 2·10
Oct. 14	I	2·50
21	I	2·43
Lacaille 9556.		
Oct. 2	F	23 35 22·26
27	F	22·25
Lacaille 9557.		
Sept. 29	F	23 35 32·86
Oct. 26	M	32·68
28	I	32·85
Lacaille 9577.		
Oct. 4	I	23 37 35·35
15	M	35·41
23	M	35·47
Lacaille 9589.		
Oct. 13	F	23 40 8·97
27	F	8·92
29	M	8·77
Lacaille 9590.		
Oct. 18	I	23 40 18·02
28	I	18·07
30	F	17·93
δ Sculptoris.		
Oct. 29	M	23 42 24·61
Nov. 1	I	24·65
3	F	24·69
4	I	24·62
5	F	24·62
6	M	24·63
8	F	24·69

Day.	Observer.	h. m. s.
Lacaille 9604.		
Oct. 5	F	23 43 0·36
14	I	0·36
15	M	0·24
Lacaille 9628.		
Oct. 2	F	23 45 51·42
26	M	51·19
29	M	51·21
Lacaille 9629.		
Oct. 13	F	23 46 15·81
27	F	15·78
30	F	15·71
Lacaille 9631.		
Oct. 4	I	23 46 33·38
Nov. 3	F	33·46
Lacaille 9638.		
Oct. 5	F	23 47 36·89
18	I	36·88
Nov. 5	F	36·79
Lacaille 9649.		
Oct. 15	M	23 49 34·00
28	I	34·14
Nov. 3	F	34·04
Lacaille 9654.		
Oct. 23	M	23 50 2·98
Nov. 4	I	3·18
8	F	3·08
Lacaille 9653.		
Oct. 14	I	23 50 4·20
Nov. 1	I	3·93
6	M	4·02
Lacaille 9656.		
Sept. 29	F	23 50 11·18
Oct. 27	F	10·96
Nov. 9	I	11·27
Lacaille 9658.		
Oct. 26	M	23 50 45·36
30	F	45·59
Nov. 10	M	45·27
Lacaille 9667.		
Oct. 2	F	23 51 40·78
Nov. 8	F	40·87
11	F	40·95
Lacaille 9668.		
Oct. 26	M	23 51 50·59
Nov. 5	F	50·42
10	M	50·47
Lacaille 9669.		
Oct. 29	M	23 52 1·09
Nov. 3	F	1·05
6	M	1·00
Lacaille 9672.		
Oct. 4	I	23 52 35·67
5	F	35·79
25	I	35·74
ω Piscium.		
Oct. 13	F	23 52 53·50
15	M	53·57
Lacaille 9693.		
Oct. 15	M	23 55 2·82
23	M	2·88
27	F	2·87
30	F	2·70
Lacaille 9711.		
Sept. 28	M	23 58 21·23
Oct. 2	F	21·26
5	F	21·32
Lacaille 9716.		
Oct. 8	F	23 58 59·43
23	M	59·61
28	I	59·59
Lacaille 9719.		
Oct. 14	I	23 59 14·94
27	F	14·80
29	M	14·71

ROYAL OBSERVATORY,
CAPE OF GOOD HOPE.

SEPARATE RESULTS

FOR

MEAN N.P.D. OF STARS

OBSERVED IN THE YEAR

1875.

R.A. $0^h.\ 0^m.$ to $0^h.\ 22^m.$

Day.	Observer.	° ′ ″
Lacaille 9730.		
Sept. 28	M	147 31 57·05
Oct. 2	F	55·92
5	F	56·70
Lacaille 9731.		
Oct. 15	M	146 42 30·64
Nov. 1	I	30·83
5	F	30·98
Lacaille 9733.		
Sept. 25	M	153 0 39·52
Oct. 30	F	38·96
Nov. 6	M	39·04
Lacaille 9746.		
Oct. 29	M	146 53 12·79
Nov. 4	I	13·56
8	F	12·96
Lacaille 9749.		
Sept. 25	M	152 59 35·60
Oct. 2	F	37·40
30	F	35·72
Lacaille 9754.		
Oct. 23	M	145 5 47·78
Nov. 3	F	48·92
5	F	48·56
Lacaille 9759.		
Oct. 18	I	146 26 42·53
Nov. 9	I	43·74
10	M	43·08

Day.	Observer.	° ′ ″
Lacaille 9762.		
Oct. 25	I	145 26 48·62
Nov. 6	M	48·05
11	F	48·31
Lacaille 9763.		
Sept. 28	M	149 12 56·19
Oct. 15	M	57·17
21	I	56·56
Lacaille 3.		
Nov. 8	F	148 36 33·01
15	F	33·30
16	M	33·10
Lacaille 11.		
Oct. 28	I	147 41 48·77
Nov. 1	I	47·71
5	F	49·01
Lacaille 13.		
Oct. 27	F	145 45 50·12
29	M	49·99
30	F	50·31
Lacaille 28.		
Oct. 2	F	146 9 52·41
13	F	51·18
23	M	51·20
o Octantis.		
June 25	C	179 3 27·64
Nov. 26	M	29·02

Day.	Observer.	° ′ ″
Lacaille 63.		
Oct. 13	F	151 43 42·68
14	I	44·10
15	M	44·10
Lacaille 69.		
Oct. 25	I	144 44 53·56
28	I	54·16
Nov. 20	C	53·03
Lacaille 71.		
Oct. 2	F	145 13 53·69
21	I	52·39
23	M	53·17
Lacaille 73.		
Oct. 2	F	145 15 27·96
23	M	28·97
29	M	26·93
Lacaille 77.		
Oct. 30	F	144 40 34·55
Nov. 22	M	34·33
23	F	33·26
26	M	32·99
β Hydri.		
Nov. 5	F	167 57 31·60
8	F	29·90
Lacaille 95.		
Oct. 27	F	145 18 55·67
Nov. 2	M	55·79
3	F	55·96

R.A. $0^h.\ 22^m.$ to $0^h.\ 37^m.$

Day.	Observer.	° ′ ″
Lacaille 102.		
Oct. 14	I	145 7 23·03
30	F	23·25
Nov. 6	M	22·68
Lacaille 107.		
Oct. 29	M	150 29 9·24
Nov. 9	I	9·48
15	F	9·93
Lacaille 111.		
Oct. 18	I	145 39 44·62
Nov. 5	F	43·80
8	F	44·04
Lacaille 116.		
Nov. 1	I	146 55 54·57
11	F	55·37
17	I	54·65
Lacaille 119.		
Oct. 2	F	153 38 50·03
13	F	47 64
27	F	50·19
Lacaille 120.		
Oct. 2	F	153 39 15·62
13	F	16·60
27	F	16·18
Lacaille 123.		
Oct. 23	M	153 43 11·58
Nov. 6	M	12·48
20	C	12·39
22	M	12·77
Lacaille 130.		
Oct. 25	I	146 1 8·05
Nov. 3	F	7·00
24	I	6·82
Lacaille 132.		
Oct. 28	I	151 50 13·72
Nov. 15	F	14·58
23	F	13·96
Lacaille 135.		
Oct. 21	I	147 46 30·15
Nov. 8	F	31·93
16	M	29·85
Lacaille 144.		
Oct. 14	I	145 30 34·12
29	M	32·75
Nov. 2	M	33·62
Lacaille 146.		
Oct. 19	M	151 44 11·75
30	F	11·43
Nov. 5	F	11·46
Lacaille 152.		
Oct. 13	F	145 4 54·98
27	F	55·35
Nov. 3	F	55·86
B.A.C. 163.		
Oct. 12	M	91 11 28·83
Lacaille 163.		
Oct. 15	M	148 39 16·77
18	I	16·44
Nov. 6	M	16·00
Lacaille 172.		
Oct. 29	M	150 9 24·28
Nov. 2	M	25·48
8	F	25·15
Lacaille 175.		
Nov. 1	I	146 11 58·21
4	I	58·22
9	I	57 61
Lacaille 180.		
Oct. 19	M	147 11 21 60
30	F	22·13
Nov. 5	F	22·42
Lacaille 182.		
Oct. 14	I	146 28 1·67
Nov. 3	F	1·66
10	M	2·17
*** R.A. $0^h.\ 36^m.\ 18^s.$**		
Nov. 3	F	146 28 8·25
10	M	9·37
Lacaille 186.		
Oct. 27	F	150 56 48·06
Nov. 8	F	47·96
11	F	49·15

R.A. $0^h.\ 37^m.$ to $1^h.\ 5^m.$

Day.	Observer.	° ′ ″
Lacaille 190.		
Oct. 28	I	148 8 57·26
Nov. 6	M	56·18
15	F	56·68
Lacaille 215.		
Oct. 13	F	148 36 40·27
18	I	40·37
21	I	40·88
Lacaille 232.		
June 25	C	148 4 3·91
Oct. 13	F	4·39
29	M	3·62
Lacaille 240.		
Oct. 15	M	147 15 39·17
25	I	39·83
Nov. 2	M	38·83
Lacaille 246.		
Oct. 19	M	154 25 20·18
28	I	20·33
Nov. 4	I	20·98
Lacaille 247.		
Oct. 23	M	151 45 24·15
Nov. 3	F	24·99
5	F	25·03
✱ R.A. $0^h\ 47^m\ 43^s$.		
Oct 23	M	151 45 20·57
Nov. 3	F	22·61
5	F	23·16

Day.	Observer.	° ′ ″
Lacaille 249.		
Oct. 11	I	145 16 20·80
Nov. 1	I	20·52
6	M	20·15
Lacaille 253.		
June 25	C	153 33 1·79
Nov. 8	F	0·64
10	M	2·46
Lacaille 254.		
Oct. 18	I	148 4 55·78
29	M	54·59
Nov. 9	I	55·58
Lacaille 264.		
Oct. 13	F	154 38 25·89
14	I	27·50
15	M	27·90
Lacaille 271.		
June 25	C	151 22 22·02
Oct. 19	M	21·87
23	M	21·39
Lacaille 285.		
Oct. 11	I	151 32 13·64
25	I	14·33
Nov. 1	I	13·24
Lacaille 288.		
Oct. 15	M	147 40 33·61
18	I	34·14
Nov. 2	M	33·95

Day.	Observer.	° ′ ″
Lacaille 297.		
June 25	C	150 45 56·23
Oct. 13	F	58·10
19	M	56·99
✱ R.A. $0^h\ 58^m\ 13^s$.		
June 25	C	150 46 0·73
Oct. 13	F	2·12
19	M	1·32
Lacaille 316.		
June 25	C	152 26 35·50
Oct. 23	M	36·05
30	F	37·28
Lacaille 318.		
Oct. 15	M	145 54 53·23
29	M	50·87
Nov. 2	M	52·45
Lacaille 321.		
Oct. 11	I	147 15 40·26
14	I	41·56
Nov. 3	F	40·75
Lacaille 323.		
Oct. 18	I	148 21 23·96
19	M	23·28
23	M	23·56
Lacaille 325.		
Oct. 25	I	147 31 36·47
Nov. 4	I	35·74
5	F	36·22

R.A. $1^h.\ 9^m.$ to $1^h.\ 38^m.$

Day.	Observer.	° ′ ″
Lacaille 340.		
Oct. 27	F	148 2 44·70
29	M	44·62
30	F	44·47
Lacaille 341.		
Oct. 11	I	146 17 39·28
14	I	40·37
15	M	41·07
Lacaille 368.		
Oct. 28	I	148 0 27·39
29	M	25·72
30	F	25·64
Lacaille 369.		
Oct. 29	M	147 59 51·39
30	F	51·42
Nov. 2	M	53·14
Lacaille 389.		
Nov. 2	M	149 46 46·89
3	F	47·21
5	F	46·47
Lacaille 405.		
Oct. 25	I	150 8 61·39
27	F	60·58
29	M	59·72
Lacaille 464.		
July 5	C	147 38 32·74
Oct. 25	I	33·60
Nov. 2	M	33·77
Lacaille 467.		
Oct. 19	M	153 7 2·18
27	F	2·38
30	F	1·91
Lacaille 468.		
Oct. 28	I	148 46 41·07
Nov. 5	F	41·59
8	F	41·64
Lacaille 470.		
Oct. 29	M	145 53 1·23
Nov. 9	I	1·88
10	M	2·17
Lacaille 474.		
July 5	C	151 36 22·47
Nov. 16	M	20·67
26	M	21·39
Lacaille 479.		
Oct. 30	F	148 54 31·98
Nov. 4	I	33·98
27	F	32·99
Lacaille 484.		
Nov. 5	F	147 52 21·09
15	F	20·23
29	I	21·16
Dec. 3	I	19·55
Lacaille 487.		
Nov. 2	M	151 8 53·23
20	C	53·54
30	M	54·18
Lacaille 493.		
Oct. 27	F	147 3 47·89
Nov. 8	F	48·15
17	I	48·95
Lacaille 495.		
Nov. 10	M	146 49 49·12
16	M	49·12
23	F	48·80
*** R.A. $1^h.\ 35^m.\ 3^s.$**		
Nov. 10	M	146 49 45·54
16	M	45·45
23	F	45·27
Lacaille 494.		
Nov. 9	I	145 47 3·75
18	F	4·19
Dec. 1	S	4·09
2	M	w=½ 1·63
Lacaille 503.		
July 5	C	151 37 55·96
Nov. 6	M	54·80
26	M	54·58
Lacaille 507.		
Nov. 2	M	151 25 10·73
5	F	10·09
15	F	10·12
27	F	10·52
Lacaille 512.		
Oct. 25	I	146 51 47·55
27	F	47·92
30	F	48·03

R.A. $1^h.\ 40^m.$ to $2^h.\ 5^m.$

Day.	Observer.	° ′ ″
Lacaille 516.		
July 5	C	151 38 46·71
Oct. 28	I	48·21
Nov. 4	I	46·41
Lacaille 634.		
Dec. 2	M	175 24 0·13
Lacaille 544.		
Oct. 27	F	145 5 2·97
Nov. 1	I	2·59
5	F	2·81
Lacaille 553.		
Oct. 28	I	149 33 36·62
Nov. 6	M	37·61
8	F	37·86
Lacaille 572.		
Oct. 30	F	148 32 3·56
Nov. 2	M	4·72
3	F	4·08
Lacaille 584.		
July 5	C	150 55 26·88
Nov. 1	I	25·20
6	M	25·86
10	M	25·33
Lacaille 582.		
Oct. 27	F	145 41 4·32
Nov. 5	F	5·17
8	F	5·36

Day.	Observer.	° ′ ″
Lacaille 530.		
Nov. 4	I	151 28 30·09
16	M	31·93
18	F	30·97
Lacaille 593.		
Nov. 9	I	149 4 57·83
20	C	57·99
Lacaille 605.		
Oct. 30	F	152 10 41·84
Nov. 15	F	43·10
23	F	43·72
Lacaille 609.		
Nov. 2	M	145 37 8·24
3	F	8·47
5	F	9·23
8	F	8·58
Lacaille 617.		
Nov. 10	M	153 22 7·28
17	I	7·04
27	F	7·49
Lacaille 614.		
Nov. 6	M	145 44 58·53
16	M	58·36
26	M	58·08
Lacaille 624.		
Nov. 1	I	154 13 37·50
9	I	36·82
20	C	36·43

Day.	Observer.	° ′ ″
Lacaille 626.		
Oct. 27	F	146 15 43·38
Nov. 5	F	44·30
8	F	44·03
Lacaille 630.		
Nov. 2	M	145 28 48·47
26	M	49·53
29	I	49·93
Lacaille 635.		
Nov. 6	M	148 44 26·55
15	F	26·92
30	M	27·61
Lacaille 650.		
Nov. 10	M	151 34 54·44
16	M	54·72
Dec. 1	S	56 09
2	M	54·26
Lacaille 655.		
Nov. 8	F	150 16 23·59
23	F	24·00
Dec. 3	I	23·77
Lacaille 651.		
Nov. 2	M	147 47 15·28
17	I	13·11
27	F	14·24
Lacaille 654.		
Oct. 27	F	146 7 7·89
Nov. 5	F	8·03
26	M	8·71

R.A. 2^h. 6^m. to 2^h. 30^m.

Day.	Observer.	° ′ ″
Lacaille 673.		
Nov. 3	F	151 41 12·47
6	M	12·26
20	C	11·26
Lacaille 677.		
Nov. 2	M	149 44 27·86
8	F	27·01
16	M	26·69
Lacaille 685.		
Nov. 9	I	147 55 45·78
15	F	44·89
26	M	45·14
Lacaille 692.		
Nov. 5	F	145 51 35·51
6	M	35·23
17	I	35·79
Lacaille 705.		
Nov. 2	M	153 58 24·94
8	F	23·91
10	M	24·08
Lacaille 717.		
Nov. 9	I	146 31 11·00
23	F	9·69
26	M	10·50
Lacaille 722.		
Nov. 6	M	147 21 25·04
18	F	24·41
27	F	25·26

Day.	Observer.	° ′ ″
Lacaille 730.		
Nov. 5	F	153 7 8·52
16	M	7·70
30	M	9·15
Lacaille 737.		
Nov. 8	F	150 19 44·56
29	I	45·34
Dec. 2	M	42·83
Lacaille 733.		
Nov. 17	I	145 5 60·98
20	C	59·01
Dec. 9	S	60·07
Lacaille 739.		
Nov. 2	M	147 22 56·73
27	F	56·42
Dec. 10	I	56·78
Lacaille 740.		
Nov. 20	C	145 6 39·93
Dec. 3	I	38·35
6	S	38·25
Lacaille 738.		
Nov. 10	M	146 11 12·30
Dec. 1	S	13·53
4	M	12·23
11	M	12·40
Lacaille 752.		
Nov. 5	F	150 52 19·78
6	M	18·74
16	M	19·87

Day.	Observer.	° ′ ″
Lacaille 770.		
Nov. 10	M	148 41 58·95
18	F	58·46
30	M	58·85
Lacaille 779.		
Nov. 16	M	154 51 29·96
20	C	30·29
26	M	29·97
Lacaille 782.		
Nov. 6	M	148 21 55·98
8	F	56·48
22	M	56·86
Lacaille 794.		
Nov. 2	M	153 8 52·84
10	M	53·39
Dec. 2	M	54·76
Lacaille 795.		
Nov. 17	I	154 35 58·22
Dec. 4	M	56·87
8	M	56·76
Lacaille 812.		
Nov. 10	M	153 8 9·65
26	M	8·53
30	M	10·54
Lacaille 810.		
Nov. 15	F	151 31 53·26
16	M	53·13
18	F	53·24

R.A. $2^h.\ 32^m.$ to $2^h.\ 49^m.$

Day.	Observer.	° ′ ″
Lacaille 819.		
Nov. 6	M	146 3 38·65
20	C	37·53
22	M	38·25
✱ R.A. $2^h.\ 35^m.\ 2^s.$		
Nov. 16	M	145 22 32·99
Dec. 6	S	33·34
9	S	33·71
Lacaille 829.		
Nov. 16	M	145 22 51·94
Dec. 6	S	54·50
9	S	53·03
Lacaille 845.		
Nov. 30	M	151 5 5·61
Dec. 4	M	4·98
13	M	6·85
Lacaille 849.		
Dec. 2	M	150 6 18·25
14	S	15·49
18	S	15·41
✱ R.A. $2^h.\ 36^m.\ 22^s.$		
Dec. 2	M	150 6 22·93
14	S	20·13
18	S	22·02
Lacaille 847.		
Nov. 10	M	145 5 10·19
Dec. 11	M	8·46
20	M	7·73

Day.	Observer.	° ′ ″
Lacaille 858.		
Nov. 17	I	153 13 58·98
Dec. 17	I	57·95
22	I	58·21
25	M	57·72
Lacaille 863.		
Dec. 8	M	154 49 9·34
16	M	9·49
21	F	10·73
Lacaille 862.		
Nov. 29	I	146 49 50·50
Dec. 13	M	49·35
20	M	49·75
Lacaille 868.		
Nov. 8	F	147 10 19·59
9	I	20·75
15	F	20·59
Lacaille 885.		
Nov. 6	M	153 26 48·73
23	F	48·92
26	M	48·83
Lacaille 889.		
Nov. 10	M	146 47 31·90
18	F	31·68
20	C	30·61
Lacaille 896.		
Dec. 11	M	154 13 45·36
13	M	45·45
16	M	45·27

Day.	Observer.	° ′ ″
✱ R.A. $2^h.\ 45^m.\ 18^s.$		
Dec. 9	S	153 28 51·97
10	I	51·95
14	S	51·36
Lacaille 911.		
Nov. 10	M	145 39 4·88
15	F	2·82
16	M	3·77
Lacaille 919.		
Dec. 2	M	147 42 24·87
6	S	25·13
8	M	25·76
Lacaille 917.		
Nov. 10	M	145 35 24·61
16	M	24·16
22	M	24·15
Lacaille 927.		
Nov. 17	I	147 30 21·28
26	M	20·49
30	M	21·38
Lacaille 934.		
Nov. 29	I	154 3 9·01
Dec. 4	M	9·17
11	M	8·16
Lacaille 937.		
Dec. 3	I	153 25 14·74
9	S	16·46
16	M	15·36

R.A. 2^h. 50^m. to 3^h. 10^m.

Day.	Observer.	° ′ ″
Lacaille 941.		
Nov. 23	F	146 23 21·11
Dec. 13	M	22·26
17	I	21·40
*** R.A. 2^h 51^m 45^s.**		
Dec. 2	M	153 30 43·68
8	M	44·56
Lacaille 961.		
Nov. 22	M	154 30 42·28
Dec. 16	M	41·26
18	S	41·57
*** R.A. 2^h 52^m 29^s.**		
Nov. 22	M	154 32 57·33
Dec. 18	S	55·88
20	M	55·18
Lacaille 960.		
Nov. 15	F	145 30 57·90
16	M	57·56
26	M	57·38
*** R.A. 2^h 54^m 27^s.**		
Dec. 10	I	153 32 11·32
Lacaille 970.		
Nov. 17	I	146 3 43·99
29	I	44·08
Dec. 4	M	44·34
Lacaille 973.		
Nov. 23	F	150 18 54·16
26	M	56·75
27	F	55·43
Lacaille 977.		
Nov. 10	M	145 27 32·99
15	F	33·89
16	M	32·92
Lacaille 985.		
Nov. 20	C	151 17 12·40
Dec. 4	M	13·55
8	M	13·50
Lacaille 987.		
Nov. 30	M	149 25 15·51
Dec. 6	S	14·87
11	M	14·31
Lacaille 989.		
Dec. 2	M	150 13 23·87
9	S	24·49
13	M	24·12
*** R.A. 3^h 1^m 1^s.**		
Nov. 20	C	151 19 40·56
Lacaille 992.		
Nov. 26	M	147 39 1·87
Dec. 10	I	3·20
16	M	2·26
Lacaille 994.		
Nov. 22	M	150 40 53 89
Dec. 14	S	52·56
17	I	52·02
Lacaille 998.		
Nov. 10	M	147 18 14·78
15	F	13·69
23	F	12·66
Lacaille 1007.		
Nov. 27	F	152 11 52·28
30	M	52·91
Dec. 4	M	51·81
Lacaille 1012.		
Nov. 29	I	145 57 43·39
Dec. 11	M	43·31
13	M	43·02
Lacaille 1023.		
Nov. 22	M	148 16 55·39
Dec. 3	I	54·51
9	S	55·57
Lacaille 1033.		
Nov. 26	M	154 23 11·64
Dec. 2	M	12·66
16	M	11·66
Lacaille 1032.		
Nov. 10	M	146 52 21·65
Dec. 6	S	21·17
17	I	21·86
Lacaille 1040.		
Nov. 30	M	147 47 25·67
Dec. 8	M	25·75
14	S	24·16
Lacaille 1049.		
Nov. 15	F	146 31 51·66
Dec. 4	M	51·45
11	M	51·48

R.A. $3^h.\ 12^m.$ to $3^h.\ 35^m.$

Day.	Observer.	° ′ ″
Lacaille 1057.		
Nov. 22	M	149 58 34·62
27	F	34·70
Dec. 2	M	33·76
Lacaille 1069.		
Nov. 26	M	154 54 11·17
29	I	10·23
Dec. 13	M	9·75
Lacaille 1074.		
Nov. 10	M	153 3 14·78
Dec. 8	M	14·43
9	S	14·13
13	M	14·88
14	S	14·03
Lacaille 1073.		
Nov. 30	M	146 16 38·67
Dec. 10	I	38·39
17	I	37·47
Lacaille 1077.		
Dec. 3	I	152 59 1·69
16	M	1·86
18	S	2·24
Lacaille 1078.		
Dec. 2	M	148 26 12·11
4	M	11·44
11	M	12·08
Lacaille 1120.		
Nov. 10	M	145 19 47·58
16	M	46·77
22	M	47·36
Lacaille 1129.		
Nov. 26	M	148 18 47·85
30	M	48·44
Dec. 2	M	46·91
Lacaille 1136.		
Dec. 3	I	145 14 12·83
4	M	11·03
11	M	11·27
Lacaille 1143.		
Jan. 12	M	153 22 43·00
15	C	43·34
Lacaille 1142.		
Nov. 22	M	145 40 29·67
Dec. 10	I	28·36
13	M	28·02
Lacaille 1150.		
Dec. 9	S	152 25 59·88
14	S	59·09
16	M	58·03
Lacaille 1149.		
Dec. 2	M	150 16 48·28
6	S	49·78
18	S	49·52
25	M	50·35
Lacaille 1158.		
Nov. 26	M	150 59 49 62
27	F	47·52
Dec. 8	M	47·73
Lacaille 1159.		
Nov. 30	M	151 26 18·67
Dec. 17	I	17·27
20	M	17·95
Lacaille 1168.		
Dec. 4	M	148 23 39·04
11	M	39·76
27	M	40 23
Lacaille 1170.		
Dec. 3	I	148 13 35·59
13	M	36 50
16	M	36·55
21	F	37·82
22	I	36·35
Lacaille 1179.		
Jan. 15	C	152 58 23·97
Nov. 10	M	24·05
22	M	25·46
*** R.A. $3^h.\ 34^m.\ 34^s.$**		
Nov. 23	F	168 46 10·26
Dec. 28	F	10·33
30	M	8·80
Lacaille 1192.		
Dec. 9	S	147 41 36·18
20	M	36·94
22	I	34·60
Lacaille 1193.		
Jan. 12	M	146 33 2·79
Nov. 26	M	3·18
Dec. 8	M	2·99

R.A. $3^h.\ 35^m.$ to $3^h.\ 58^m.$

Day.	Obs.	° ′ ″
Lacaille 1197.		
Dec. 6	S	150 11 5·10
10	I	5·70
18	S	5·50
25	M	5·11
Lacaille 1200.		
Nov. 30	M	146 38 20·23
Dec. 2	M	20·16
4	M	21·44
Lacaille 1201.		
Nov. 22	M	146 33 7·30
Dec. 13	M	7·77
16	M	7·66
Lacaille 1202.		
Dec. 11	M	145 57 1·03
22	I	0·22
27	M	1·62
Lacaille 1209.		
Dec. 17	I	146 57 18·61
20	M	19·98
21	F	21·82
*** R.A. $3^h.\ 37^m.\ 55^s.$**		
Jan. 15	C	146 29 3·13
Lacaille 1243.		
Jan. 12	M	154 35 30·17
Lacaille 1241.		
Nov. 27	F	146 43 28·78
Dec. 2	M	27·73
8	M	28·86

Day.	Obs.	° ′ ″
Lacaille 1242.		
Jan. 15	C	147 3 8·30
Nov. 30	M	8·16
Dec. 11	M	8·33
Lacaille 1257.		
Jan. 23	C	154 6 58·99
Dec. 3	I	60·86
10	I	59·36
Lacaille 1262.		
Jan. 16	M	148 0 49·59
Dec. 4	M	49·55
8	M	51·31
Lacaille 1266.		
Nov. 22	M	145 22 56·65
26	M	56·60
Dec. 2	M	55·24
Lacaille 1289.		
Jan. 14	F	146 40 6·53
15	C	6·53
Nov. 10	M	6·03
Lacaille {1300 1303}.		
Jan. 11	C	145 13 12·44
12	M	11·02
Nov. 30	M	10·72
Dec. 8	M	11·99
9	S	11·97
Lacaille 1305.		
Jan. 20	C	146 46 59·19
23	C	56·97
Dec. 4	M	57·68

Day.	Obs.	° ′
Lacaille 1321.		
Dec. 3	I	151 16 13·75
10	I	14·28
11	M	15·40
Lacaille 1327.		
Jan. 14	F	153 49 33·50
15	C	32·49
Nov. 30	M	34·22
Dec. 8	M	34·27
Lacaille 1330.		
Dec. 4	M	147 27 28·72
13	M	28·43
16	M	27·38
Lacaille 1338.		
Jan. 23	C	151 45 15·14
Dec. 20	M	13·20
21	F	14·61
25	M	13·99
Lacaille 1335.		
Jan. 16	M	146 49 38·84
20	C	38·53
Dec. 11	M	38·39
Lacaille 1349.		
Nov. 29	I	152 14 41·40
Dec. 17	I	42·68
22	I	42·80
Lacaille 1347.		
Dec. 3	I	149 0 40·15
18	S	41·34
24	F	43·52

R.A. $3^h.\ 59^m.$ to $4^h.\ 15^m.$

Day.	Observer.	° ′ ″
Lacaille 1351.		
Nov. 30	M	147 34 6·30
Dec. 25	M	6·92
27	M	6·51
Lacaille 1357.		
Jan. 11	C	152 30 32·55
15	C	31·38
Dec. 28	F	31·96
Lacaille 1355.		
Dec. 9	S	151 25 46·89
20	M	46·19
29	S	45·89
Lacaille 1359.		
Dec. 11	M	147 48 14·39
27	M	16·43
31	F	14·66
Lacaille 1364.		
Dec. 10	I	151 42 17·56
22	I	18·19
30	M	17·17
*** R.A. $4^h.\ 0^m.\ 37^s.$**		
Dec. 16	M	149 52 40·36
28	F	42·48
Lacaille 1365.		
Dec. 13	M	149 55 24·77
21	F	23·71
28	F	24·37

Day.	Observer.	° ′ ″
Lacaille 1363.		
Dec. 4	M	145 44 30·40
24	F	29·65
29	S	28·83
Lacaille 1375.		
Jan. 23	C	148 48 58·74
Lacaille 1378.		
Jan. 11	C	150 12 38·43
20	C	39·32
Dec. 8	M	37·90
Lacaille 1386.		
Nov. 30	M	148 51 29·31
Dec. 3	I	29·54
13	M	27·78
Lacaille 1592.		
Dec. 6	S	175 37 36·00
Lacaille 1392.		
Dec. 2	M	154 33 51·73
4	M	52·81
11	M	51·17
Lacaille 1403.		
Jan. 16	M	151 55 11·64
23	C	13·08
26	I	12·23
Lacaille 1413.		
Jan. 11	C	148 20 19·27
12	M	18·22
Nov. 30	M	18·16

Day.	Observer.	° ′ ″
Lacaille 1412.		
Jan. 14	F	146 29 33·69
15	C	32·89
Dec. 2	M	33·18
Lacaille 1423.		
Jan. 16	M	152 47 14·04
20	C	14·26
Dec. 4	M	13·95
Lacaille 1425.		
Nov. 29	I	152 30 22·20
Dec. 3	I	22·52
11	M	20·93
Lacaille 1428.		
Jan. 22	F	149 36 11·51
23	C	11·09
Dec. 13	M	12·49
Lacaille 1430.		
Nov. 30	M	151 15 22·60
Dec. 8	M	22·20
16	M	21·02
Lacaille 1432.		
Jan. 11	C	146 29 24·81
26	I	24·94
Dec. 17	I	24·03
Lacaille 1439.		
Dec. 2	M	154 37 17·79
10	I	19·19
18	S	18·32
20	M	18·56

R.A. 4^h. 16^m. to 4^h. 32^m.

Day.	Observer.	° ′ ″
Lacaille 1443.		
Jan. 15	C	153 33 32·65
20	C	33·20
27	F	34·88
Dec. 13	M	32·49
16	M	32·63
Lacaille 1457.		
Jan. 16	M	153 28 8·60
30	F	9·00
Dec. 4	M	9·06
Lacaille 1456.		
Jan. 14	F	145 23 18·48
22	F	18·30
Dec. 8	M	17·94
Lacaille 1473.		
Jan. 11	C	153 40 61·09
23	C	60·66
Dec. 11	M	59·91
Lacaille 1476.		
Jan. 25	M	147 32 23·10
Dec. 16	M	22·21
20	M	23·36
Lacaille 1469.		
Jan. 27	F	146 7 13·94
Dec. 3	I	15·08
13	M	15·45
*** R.A. 4^h. 21^m. 45^s.**		
Jan. 15	C	147 21 21·42
20	C	21·97
Dec. 22	I	20·26
25	M	21·39

Day.	Observer.	° ′ ″
Lacaille 1475.		
Jan. 15	C	147 21 17·11
20	C	18·57
Dec. 17	I	16·91
18	S	15·42
Lacaille 1496.		
Jan. 21	M	151 31 18·07
26	I	17·61
Lacaille 1490.		
Jan. 16	M	145 29 24·99
19	F	23·00
Dec. 4	M	23·36
Lacaille 1510.		
Jan. 30	F	154 22 22·59
Dec. 8	M	[21·57
16	M	21·85
Lacaille 1519.		
Jan. 11	C	153 4 36·09
12	M	35·26
23	C	37·22
Lacaille 1523.		
Jan. 14	F	152 47 46·28
20	C	47·32
Dec. 11	M	46·28
Lacaille 1520.		
Jan. 15	C	147 27 33·39
22	F	33·54
25	M	34·06
Dec. 13	M	32·53

Day.	Observer.	° ′ ″
Lacaille 1535.		
Jan. 21	M	150 1 57·08
30	F	58·16
Dec. 4	M	56·68
Lacaille 1536.		
Jan. 16	M	145 51 47·90
19	F	48·05
26	I	48·21
29	M	47·85
Lacaille 1542.		
Dec. 16	M	151 38 52·33
17	I	51·79
18	S	51·94
Lacaille 1539.		
Jan. 23	C	145 18 15·71
Dec. 8	M	14·31
11	M	13·92
Lacaille 1551.		
Jan. 14	F	153 4 52·41
15	C	51·74
20	C	52·75
Dec. 10	I	51·85
Lacaille 1546.		
Jan. 22	F	145 8 53·28
Nov. 30	M	54·07
Dec. 4	M	54·29
Lacaille 1554.		
Dec. 16	M	151 3 29·11
20	M	29·50
21	F	30·99

R.A. $4^h.\ 35^m.$ to $4^h.\ 47^m.$

Day.	Observer.	° ′ ″
Lacaille 1567.		
Jan. 12	M	152 19 26·28
19	F	27·66
29	M	25·88
Lacaille 1566.		
Jan. 16	M	148 27 5·67
25	M	5·20
Dec. 8	M	4·42
Lacaille 1839.		
Dec. 24	F	176 32 33·95
Lacaille 1573.		
Jan. 21	M	149 13 32·02
26	I	31·62
Dec. 11	M	31·27
Lacaille 1582.		
Jan. 30	F	152 37 22·96
Feb. 1	I	22·88
Dec. 13	M	23·26
Lacaille 1583.		
Jan. 15	C	149 11 24·98
20	C	25·44
23	C	25·79
Lacaille 1581.		
Jan. 22	F	146 16 18·50
Dec. 3	I	17 85
17	I	18·31
Lacaille 1588.		
Jan. 27	F	145 2 17·65
29	M	18·09
Dec. 16	M	18·93

Day.	Observer.	° ′ ″
Lacaille 1591.		
Jan. 13	S	146 21 23·17
19	F	24·21
Dec. 4	M	23·00
*** R.A. $4^h.\ 41^m.\ 10^s.$**		
Jan. 12	M	153 26 59·37
Lacaille 1614.		
Jan. 14	F	149 57 46·13
16	M	45·89
Feb. 5	I	45·33
Lacaille 1612.		
Jan. 21	M	146 31 14·73
25	M	13·57
26	I	13·86
Lacaille 1629.		
Jan. 15	C	153 27 18·86
20	C	19·63
Feb. 1	I	19·04
Lacaille 1623.		
Jan. 22	F	146 0 11·42
29	M	10·95
Dec. 8	M	10·88
Lacaille 1636.		
Jan. 19	F	153 46 60·11
23	C	59·71
Dec. 16	M	58·71

Day.	Observer.	° ′ ″
Lacaille 1632.		
Jan. 30	F	149 21 28·76
Dec. 10	I	29·67
20	M	29·43
Lacaille 1634.		
Dec. 3	I	150 49 42·89
11	M	44·05
21	F	45·19
Lacaille 1638.		
Dec. 4	M	151 41 40·88
18	S	39·45
29	S	39·18
Lacaille 1635.		
Dec. 13	M	147 2 6·52
22	I	6·45
24	F	7·14
Lacaille 1640.		
Jan. 16	M	146 52 57·55
25	M	57·79
Dec. 25	M	59·58
30	M	58·24
Lacaille 1649.		
Jan. 14	F	150 28 28·00
Dec. 17	I	27·64
20	M	27·83
Lacaille 1655.		
Jan. 27	F	153 41 47·44
Dec. 8	M	46·02
16	M	47·04

R.A. 4^h. 48^m. to 5^h. 2^m.

Day.	Observer.	° ′ ″
Lacaille 1656.		
Jan. 12	M	149 0 51·70
13	S	51·36
21	M	50·60
Lacaille 1661.		
Jan. 15	C	145 54 9·93
19	F	11·34
22	F	11·59
Lacaille 1680.		
Jan. 30	F	151 44 40·57
Dec. 20	M	39·66
21	F	40·62
Lacaille 1670.		
Jan. 16	M	147 32 1·24
20	C	0·93
23	C	1·53
26	I	0·21
*** R.A. 4^h 51^m 27^s.**		
Feb. 12	C	151 35 13·09
Dec. 13	M	12·23
16	M	11·27
Lacaille 1679.		
Jan. 25	M	148 44 53·10
29	M	54·76
Dec. 8	M	54·10
Lacaille 1683.		
Jan. 12	M	146 37 21·01
21	M	21·02
Dec. 4	M	22·02
10	I	20·74
22	I	20·34

Day.	Observer.	° ′ ″
Lacaille 1816 S.P.		
Mar. 19	F	173 43 18·26
Apr. 5	M	19·19
*** R.A. 4^h 54^m 26^s.**		
Dec. 18	S	151 17 21·11
30	M	21·04
Lacaille 1689.		
Jan. 27	F	146 34 56·32
Dec. 20	M	56·31
25	M	56·73
Lacaille 1696.		
Jan. 14	F	148 15 53·57
15	C	53·10
Dec. 17	I	52·63
Lacaille 1708.		
Jan. 16	M	148 9 23·66
Dec. 21	F	24·48
27	M	26·11
Lacaille 1709.		
Jan. 30	F	148 23 51·51
Dec. 11	M	50·81
16	M	49·68
Lacaille 1706.		
Jan. 22	F	151 17 9·75
Dec. 18	S	9·81
29	S	8·17
30	M	9·26

Day.	Observer.	° ′ ″
Lacaille 1716.		
Jan. 20	C	147 47 28·59
23	C	29·13
26	I	27·59
Lacaille 1729.		
Jan. 25	M	154 34 20·13
29	M	20·00
Feb. 3	M	22·00
Lacaille 1725.		
Jan. 30	F	146 16 59·45
Feb. 12	C	59·33
Dec. 13	M	58·07
Lacaille 1730.		
Jan. 14	F	146 28 37·99
15	C	36·16
Dec. 4	M	37·89
Lacaille 1734.		
Dec. 11	M	145 40 21·37
20	M	19·58
25	M	19·59
Lacaille 1736.		
Jan. 16	M	145 37 11·32
21	M	11·19
Dec. 8	M	10·95
Lacaille 1742.		
Jan. 19	F	147 50 34·06
23	C	34·07
Dec. 22	I	32·27

R.A. $5^h.\ 3^m.$ to $5^h.\ 20^m.$

Day.	Observer.	° ′ ″
Lacaille 1739.		
Dec. 16	M	146 56 5·28
18	S	56·38
21	F	57·53
Lacaille 1741.		
Feb. 5	I	147 21 43·63
Dec. 27	M	47·15
31	F	44·00
Lacaille 1744.		
Dec. 17	I	147 38 38·19
29	S	38·89
30	M	38·19
Lacaille 1756.		
Feb. 17	C	154 42 48·64
Dec. 4	M	48·77
13	M	50·44
Lacaille 1757.		
Jan. 20	C	150 2 28·66
25	M	28·25
29	M	28·49
Lacaille 1751.		
Jan. 22	F	145 9 10·26
26	I	9·59
Feb. 3	M	10·15
Lacaille 1766.		
Dec. 16	M	151 57 58·59
22	I	58·24
27	M	60·97

Day.	Observer.	° ′ ″
Lacaille 1761.		
Jan. 30	F	147 8 51·98
Dec. 20	M	50·39
25	M	50·60
Lacaille 1772.		
Jan. 15	C	153 33 25·55
Feb. 12	C	28·69
17	C	27·06
Lacaille 1789.		
Jan. 12	M	153 56 0·36
16	M	0·02
21	M	1·45
Lacaille 1794.		
Jan. 19	F	145 42 36·03
22	F	35·37
23	C	34·47
Lacaille 1801.		
Jan. 14	F	149 43 48·32
20	C	49·92
25	M	48·88
Lacaille 1921 S.P.		
Mar. 19	F	172 37. 58·17
Lacaille 1837.		
Jan. 12	M	145 53 8·49
15	C	9·60
21	M	10·84

Day.	Observer.	° ′ ″
Lacaille 1845.		
Jan. 19	F	146 38 23·03
25	M	22·17
29	M	24·20
Lacaille 1851.		
Jan. 20	C	150 54 9·99
22	F	10·02
26	I	9·52
Lacaille 1841.		
Jan. 14	F	146 22 2·57
16	M	1·81
23	C	3·90
*** R.A. $5^h.\ 19^m.\ 15^s.$**		
Feb. 13	F	148 13 36·91
Lacaille 1853.		
Jan. 27	F	146 15 9·93
30	F	9·98
Feb. 1	I	9·23
Lacaille 1866.		
Feb. 3	M	154 11 42·81
6	M	41·98
12	C	43·21
Lacaille 1871.		
Feb. 5	I	154 27 27·75
10	I	25·54
15	I	25·36

R.A. $5^h.\ 20^m.$ to $5^h.\ 34^m.$

Day.	Observer.	° ′ ″
Lacaille 1858.		
Feb. 9	F	146 55 57·06
11	M	58·41
17	C	58·20
* R.A. $5^h\ 22^m\ 1^s$.		
Feb. 4	F	148 12 24·17
13	F	23·90
26	F	24·34
Lacaille 1873.		
Feb. 25	I	148 16 41·21
27	M	39·40
Dec. 4	M	40·25
Lacaille 1879.		
Jan. 21	M	146 42 31·89
23	C	32·58
29	M	31·91
Lacaille 1882.		
Jan. 16	M	148 40 2·85
19	F	1·41
26	F	2·22
Lacaille 1885.		
Jan. 13	S	149 1 6·60
14	F	6·52
Feb. 3	M	6·38
Lacaille 1898.		
Jan. 22	F	154 25 38·16
Feb. 6	M	37·13
10	I	37·34
Lacaille 1897.		
Jan. 27	F	150 30 47·69
Feb. 1	I	46·21
11	M	46·22
Lacaille 1908.		
Feb. 5	I	152 24 30·17
9	F	29·54
12	C	31·11
Lacaille 1907.		
Jan. 30	F	147 15 6·06
Feb. 3	M	7·02
17	C	6·70
Lacaille 1922.		
Jan. 27	F	154 1 15·33
Feb. 6	M	15·18
11	M	16·59
Lacaille 1929.		
Jan. 22	F	146 39 25·10
Feb. 13	F	24·66
25	I	24·88
Lacaille 1923.		
Jan. 16	M	144 59 9·91
Feb. 4	F	9·92
15	I	11·03
Lacaille 1932.		
Jan. 25	M	147 10 4·05
Feb. 8	M	4·69
26	F	5·72
Lacaille 1942.		
Feb. 9	F	153 32 23·95
24	M	24·01
27	M	23·69
Lacaille 1949.		
Jan. 29	M	154 18 37·25
Feb. 16	M	38·26
28	F	37·51
Lacaille 1948.		
Feb. 3	M	152 34 19·22
10	I	17·59
Mar. 1	I	18·98
Lacaille 1947.		
Feb. 5	I	148 57 1·29
12	C	1·66
17	C	1·45
Lacaille 1958.		
Jan. 30	F	150 58 13·86
Feb. 1	I	13·65
6	M	11·84
Lacaille 1957.		
Jan. 21	M	147 32 4·53
26	I	4·10
Feb. 11	M	5·89
Lacaille 1959.		
Jan. 23	C	146 15 44·67
27	F	43·68
Feb. 13	F	44·15

R.A. $5^h.\ 3^m.$ to $5^h.\ 20^m.$

Day.	Observer.	° ′ ″
Lacaille 1739.		
Dec. 16	M	146 56 57·28
18	S	56·78
21	F	57·53
Lacaille 1741.		
Feb. 5	I	147
Dec. 27	M	
31	F	30·84
L		
Dec. 1		146 16 48·19
Lacaille 1983.		
Feb. 5	I	146 29 52·35
6	M	52·57
8	M	54·18
9	F	52·87
Mar. 1	I	53·45
✱ R.A. $5^h.\ 40^m.\ 43^s.$		
Jan. 27	F	146 18 42·57
Feb. 26	F	42·91
Lacaille 2009.		
Jan. 14	F	152 58 13·88
15	C	13·27
23	C	14·79
Lacaille 2004.		
Jan. 16	M	145 44 55·63
19	F	54·89
29	M	56·06
Feb. 4	F	54·72
12	C	55·45
Dec. 13	M	55·78

Day.	Observer.	° ′ ″
Lacaill *alle* **2010.**		
Jan. 30	M	146 58 3·94
Dec.	I	3·91
3	M	5·38
Lacaille 2012.		
Feb. 10	I	145 46 19·95
Dec. 16	M	19·18
25	M	19·28
Lacaille 2014.		
Jan. 20	C	145 37 32·19
22	F	31·88
30	F	33·07
Feb. 8	M	32·48
Lacaille 2025.		
Jan. 25	M	145 58 54·72
Feb. 5	I	52·24
6	M	52·26
Lacaille 2053.		
Jan. 16	M	146 11 55·32
21	M	55·27
23	C	55·55
Lacaille 2055.		
Jan. 29	M	145 7 3·95
Feb. 3	M	2·64
4	F	2·22
Lacaille 2056.		
Jan. 20	C	145 38 50·70
22	F	50·26
26	I	50·53

Day.	Observer.	° ′ ″
✱ R.A. $5^h.\ 47^m.\ 51^s.$		
Jan. 29	M	145 5 20·30
Feb. 3	M	18·02
4	F	20·65
Lacaille 2077.		
Jan. 15	C	146 29 23·03
25	M	22·65
Feb. 15	I	23·47
16	M	23·15
Lacaille 2080.		
Jan. 14	F	147 10 49·22
19	F	48·71
Feb. 6	M	47·69
13	F	48·27
Lacaille 2083.		
Jan. 30	F	147 55 44·33
Feb. 9	F	44·69
11	M	46·20
✱ R.A. $5^h.\ 50^m.\ 32^s.$		
Jan. 30	F	147 54 59·40
Feb. 11	M	55·16
Lacaille 2091.		
Jan. 27	F	154 3 40·48
Feb. 1	I	40·88
12	C	42·29
Lacaille 2095.		
Jan. 16	M	150 2 30·32
20	C	30·87
Feb. 17	C	30 87

✱ R.A. $5^h.\ 50^m.\ 32^s.$—N.P.D. observations discordant. The Star will be re-observed.

R.A. $5^h.\ 53^m.$ to $6^h.\ 9^m.$

Day.	Obs.	° ′ ″
	M	7 41·21
		41·06
	M	41·43
Lacaille 2102.		
Jan. 22	F	149 37 38·18
Feb. 16	M	38·34
20	M	37·60
Lacaille 2113.		
Feb. 23	M	154 30 11·15
24	M	10·94
26	F	11·70
*** R.A. $5^h.\ 53^m.\ 38^s.$**		
Mar. 1	I	146 32 30·93
3	F	29·88
5	M	29·61
Lacaille 2100.		
Feb. 4	F	146 34 19·70
25	I	18·83
Mar. 4	I	19·70
Lacaille 2296.		
Jan. 30	F	174 50 28·88
Dec. 21	F	25·71
*** R.A. $5^h.\ 58^m.\ 10^s.$**		
Feb. 9	F	150 29 12·49
Mar. 3	F	13·12
Dec. 31	F	14·05
Lacaille 2133.		
Jan. 25	M	148 6 15·14
26	I	14·42
Feb. 1	I	16·05
*** R.A. $5^h.\ 58^m.\ 58^s.$**		
Mar. 3	F	150 29 33·17
Dec. 31	F	33·65
Lacaille 2147.		
Feb. 3	M	154 18 43·11
6	M	41·23
8	M	41·46
Lacaille 2139.		
Jan. 27	F	146 59 2·00
29	M	2·83
Feb. 11	M	1·34
Lacaille 2146.		
Feb. 9	F	150 29 4·48
12	C	3·80
17	C	4·38
*** R.A. $6^h.\ 0^m.\ 4^s.$**		
Mar. 2	M	147 1 32·80
Lacaille 2155.		
Jan. 20	C	150 5 35·15
Feb. 13	F	35·41
16	M	35·89
*** R.A. $6^h.\ 0^m.\ 35^s.$**		
Mar. 1	I	146 56 20·44
4	I	20·29
5	M	20·46
Lacaille 2175.		
Feb. 18	M	154 51 13·40
20	M	13·28
23	M	13·86
Lacaille 2169.		
Jan. 25	M	146 13 19·81
Feb. 1	I	20·39
3	M	21·06
Lacaille 2187.		
Jan. 26	I	145 41 7·73
27	F	8·07
Feb. 6	M	6·92
Lacaille 2201.		
Feb. 12	C	144 56 29·32
17	C	29·83
18	M	29·98
26	F	29·55
Lacaille 2205.		
Feb. 27	M	145 7 15·66
Mar. 2	M	15·01
Dec. 16	M	17·63
25	M	13·46
*** R.A. $6^h.\ 8^m.\ 37^s.$**		
Feb. 23	M	155 3 35·84
Dec. 26	C	35·43
27	M	36·97
Lacaille 2215.		
Jan. 22	F	151 28 11·27
25	M	11·44
Feb. 11	M	11·01

R.A. $6^h.\ 11^m.$ to $6^h.\ 25^m.$

Day.	Observer.	° ′ ″
Lacaille 2224.		
Jan. 22	F	151 26 16·81
25	M	16·80
26	I	17·60
Lacaille 2222.		
Jan. 27	F	146 52 47·04
Feb. 1	I	47·48
3	M	48·46
*** R.A. $6^h.\ 11^m.\ 34^s.$**		
Dec. 31	F	155 30 48·62
Rishane 1201.		
Dec. 25	M	155 29 50·51
28	C	50·19
31	F	60·48
*** R.A. $6^h.\ 11^m.\ 55^s.$**		
Dec. 28	C	155 30 [illegible]
31	M	[illegible]
*** R.A. $6^h.\ 14^m.\ 5^s.$**		
Feb. 3	M	146 [illegible]
6	M	[illegible]
22	C	[illegible]
Lacaille 2243.		
Feb. 1	M	146 [illegible]
6	M	[illegible]
22	C	[illegible]
Lacaille 2252.		
Feb. 22	M	146 [illegible]
24	M	[illegible]
25	C	[illegible]

Day.	Observer.	° ′ ″
*** R.A. $6^h.\ 16^m.\ 21^s.$**		
Feb. 28	F	146 56 52·05
Mar. 1	I	50·84
2	M	49·94
Lacaille 2273.		
Jan. 25	M	153 58 39·97
Feb. 5	I	39·23
11	M	37·65
Lacaille 2282.		
Jan. 27	F	151 16 24·92
29	M	23·25
Feb. 16	M	23·56
Lacaille 2286.		
Jan. 26	I	153 45 59·41
30	I	61·18
Feb. 17	C	60·73
Lacaille 2284.		
Feb. 6	M	146 [illegible]
15	M	59·38
22	M	58·65
Lacaille 2284.		
Feb. 23	M	146 [illegible]
24	M	[illegible]
25	C	[illegible]
Lacaille 2298.		
Feb. 2	M	146 [illegible]
23	M	22·84
24	M	22·74

Day.	Observer.	° ′ ″
Lacaille 2301.		
Feb. 12	C	150 9 18·07
27	M	18·19
Mar. 5	M	16·57
Lacaille 2303.		
Feb. 3	M	148 28 32·17
28	F	32·79
Mar. 8	M	32·51
Lacaille 2312.		
Mar. 2	M	153 36 54·84
3	F	54·37
11	M	54·47
B.A.C. 2097.		
Feb. 5	I	61 42 27·78
Lacaille 2311.		
Feb. 23	M	150 12 40·57
24	M	40·44
Mar. 4	I	40·32
Lacaille 2321.		
Jan. 25	M	153 21 9·24
Feb. 8	M	8·25
11	M	8·86
Lacaille 2329.		
Jan. 27	F	153 45 16·02
29	M	15·88
Feb. 2	C	15·19
Lacaille 2328.		
Feb. 26	F	147 55 23·29
28	F	22·84
Mar. 5	M	22·43

R.A. $6^h.\ 25^m.$ to $6^h.\ 37^m.$

Day.	Observer.	° ′ ″
Lacaille 2336.		
Jan. 26	I	150 38 55·75
Feb. 3	M	56·48
4	F	56·05
5	I	56·07
Lacaille 2335.		
Jan. 30	F	145 50 3·06
Feb. 13	F	2·88
18	M	3·69
Lacaille 2339.		
Feb. 6	M	149 32 4·31
16	M	5·19
20	M	4·82
Lacaille 2348.		
Feb. 12	C	152 4 6·49
25	I	6·86
Mar. 1	I	6·91
Lacaille 2343.		
Feb. 9	F	146 46 4·66
27	M	3·82
Mar. 2	M	4·34
49 Aurigæ.		
Feb. 15	I	61 52 57·45
Lacaille 2356.		
Feb. 6	M	149 30 9·80
17	C	10·38
24	M	9·30

Day.	Observer.	° ′ ″
Lacaille 2377.		
Jan. 25	M	151 47 13·95
30	F	13·70
Feb. 3	M	15·76
16	M	15·14
Lacaille 2373.		
Jan. 27	F	148 39 37·02
Feb. 13	F	35·85
23	M	36·10
Lacaille 2389.		
Feb. 8	M	151 43 53·70
12	C	54·83
18	M	54·60
Lacaille 2401.		
Feb. 2	C	151 23 42·59
9	F	43·55
11	M	42·78
Lacaille 2394.		
Feb. 20	M	146 7 25·64
26	F	27·06
Mar. 3	F	25·84
Lacaille 2407.		
Feb. 24	M	151 4 11·61
Mar. 2	M	12·47
5	M	10·91
Lacaille 2410.		
Feb. 27	M	153 9 27·94
Mar. 1	I	28·65
4	I	28·23

Day.	Observer.	° ′ ″
Lacaille 2406.		
Jan. 29	M	147 26 3·84
Feb. 13	F	3·71
23	M	3·51
Lacaille 2408.		
Jan. 13	S	145 14 3·14
21	M	4·99
25	M	4·24
Feb. 3	M	6·05
Lacaille 2416.		
Jan. 30	F	148 4 24·32
Feb. 1	I	22·72
5	I	23·35
6	M	22·32
16	M	23·87
Lacaille 2425.		
Feb. 10	I	148 13 35·69
18	M	36·09
Mar. 3	F	36·52
Lacaille 2432.		
Feb. 9	F	151 25 23·58
26	F	24·10
27	M	23·82
Mar. 8	M	23·77
Lacaille 2433.		
Feb. 17	C	150 4 8·96
24	M	8·49
25	I	8·44

R.A. 9h. 32m. to 9h. 57m.

Day.	Observer.	° ′ ″
Lacaille 2445.		
Jan. 11	C	149 0 16·14
Feb. 11	M	16·57
15	I	17·35
Lacaille 2452.		
Jan. 29	M	145 53 25·82
Feb. 3	M	25·98
6	M	24·94
Lacaille 2458.		
Feb. 2	C	148 21 26·20
13	F	27·65
16	M	27·91
Lacaille 2468.		
Feb. 18	M	151 37 47·96
20	M	48·64
23	M	48·58
Lacaille 2487.		
Jan. 21	M	151 5 30·49
Feb. 1	I	29·73
8	M	29·05
Lacaille 2490.		
Jan. 29	M	145 24 5·70
Feb. 3	M	6·46
10	I	6·50
Lacaille 2509.		
Feb. 9	F	147 30 55·21
11	M	54·33
16	M	55·20

Day.	Observer.	° ′ ″
Lacaille 2514.		
Feb. 12	C	148 19 26·38
13	F	26·73
17	C	27·48
Lacaille 2525.		
Feb. 6	M	151 48 25·74
15	I	26·70
20	M	26·77
Lacaille 2523.		
Feb. 2	C	145 45 21·64
18	M	w=½ 25·29
23	M	22·49
Lacaille 2532.		
Jan. 11	C	150 6 16·76
12	M	16·68
Feb. 1	I	17·10
*** R.A. 6h. 49m. 52s.**		
Feb. 13	F	146 21 37·40
Mar. 1	I	38·86
Lacaille 2542.		
Feb. 3	M	146 21 11·60
13	F	11·20
16	M	11·36
Lacaille 2552.		
Feb. 5	I	149 11 11·24
6	M	11·16
10	I	11·39
11	M	11·57

Day.	Observer.	° ′ ″
Lacaille 2574.		
Jan. 13	S	146 47 56·74
15	C	57·24
19	F	57·32
Lacaille 2585.		
Jan. 11	C	147 24 16·38
12	M	16·41
Feb. 2	C	15·52
Lacaille 2591.		
Feb. 9	F	145 44 49·72
15	I	50·48
17	C	49·13
Lacaille 2587.		
Feb. 3	M	145 29 57·17
12	C	57·12
16	M	57·32
Lacaille 2594.		
Feb 5	I	145 33 12·82
12	C	13·41
20	M	13·26
24	M	12·35
Lacaille 2598.		
Jan. 30	F	146 13 17·14
Feb. 13	F	16·15
Mar. 2	M	16·01
Lacaille 2606.		
Feb. 6	M	146 43 48·12
23	M	47·75
Mar. 1	I	49·19

R.A. 6^h. 58^m. to 7^h. 9^m.

Day.	Observer.	° ′ ″
Lacaille 2613.		
Feb. 25	I	148 12 53·38
26	F	53·51
Mar. 4	I	54·90
Lacaille 2619.		
Feb. 24	M	151 10 3·13
27	M	2·19
Mar. 5	M	2·40
Lacaille 2621.		
Jan. 22	F	148 45 53·63
23	C	53·36
Feb. 16	M	52·57
Lacaille 2620.		
Feb. 9	F	146 26 23·87
17	C	24·51
18	M	22·33
Lacaille 2635.		
Jan. 20	C	145 45 44·66
29	M	44·89
Feb. 2	C	43·74
Lacaille 2632.		
Jan. 15	C	147 18 57·50
19	F	57·89
Feb. 11	M	55·48
Lacaille 2640.		
Jan. 13	S	148 59 30·20
14	F	30·88
Feb. 3	M	30·51

Day.	Observer.	° ′ ″
* R.A. 7^h. 1^m. 36^s.		
Jan. 19	F	147 17 48·88
Mar. 8	M	47·07
11	M	47·37
Lacaille 2642.		
Jan. 30	F	146 33 38·95
Feb. 13	F	38·59
15	I	38·82
Lacaille 2662.		
Feb. 1	I	154 17 57·62
6	M	57·05
10	I	57·15
Lacaille 2667.		
Jan. 22	F	149 31 4·95
23	C	5·99
Feb. 3	M	5·98
Lacaille 2669.		
Feb. 16	M	147 7 54·93
18	M	53·78
20	M	54·43
23	M	53·93
Lacaille 2678.		
Jan. 29	M	148 10 16·30
Feb. 11	M	15·56
17	C	16·20
Lacaille 2680.		
Feb. 9	F	146 9 24·08
12	C	23·87
15	I	23·94

Day.	Observer.	° ′ ″
* R.A. 7^h 6^m 51^s.		
Feb. 9	F	146 9 51·70
12	C	53·32
15	I	53·65
* R.A. 7^h. 7^m. 24^s.		
Feb. 9	F	146 9 58·21
12	C	60·99
Lacaille 2692.		
Jan. 15	C	150 10 37·32
30	F	38·26
Feb. 2	C	36·18
* R.A. 7^h. 7^m. 51^s.		
Jan. 19	F	145 22 54·96
20	C	56·63
Feb. 6	M	56·29
Lacaille 2685.		
Jan. 19	F	145 22 49·77
20	C	49·97
Feb. 6	M	48·90
Lacaille 2722.		
Jan. 13	S	154 15 4·04
Feb. 1	I	4·34
10	I	2·88
Lacaille 2702.		
Jan. 22	F	145 56 46·55
29	M	44·17
Feb. 13	F	46·18

R.A. 7^h. 10^m. to 7^h. 25^m.

Day.	Observer.	° ′ ″
Lacaille 2717.		
Feb. 20	M	147 16 35·15
23	M	34·16
27	M	33·69
Mar. 2	M	34·57
Lacaille 2735.		
Feb. 11	M	152 58 36·21
25	I	35·14
Mar. 1	I	35·92
Lacaille 2755.		
Feb. 24	M	154 39 22·79
26	F	23·07
Mar. 8	M	23·10
Lacaille 2750.		
Jan. 14	F	150 51 2·49
23	C	4·07
Mar. 11	M	1·72
Lacaille 2752.		
Jan. 22	F	148 19 14·81
30	F	14·26
Mar. 12	F	15·21
Lacaille 2782.		
Jan. 20	C	153 54 18·22
29	M	17·40
Feb. 5	I	16·34
Lacaille 2787.		
Jan. 19	F	153 15 5·86
Feb. 1	I	4·65
6	M	3·91

Day.	Observer.	° ′ ″
Lacaille 2770.		
Jan. 27	F	147 7 16·73
Feb. 9	F	17·51
11	M	18·19
Lacaille 2778.		
Feb. 10	I	145 44 21·11
13	F	21·35
15	I	22·11
16	M	22·57
Lacaille 2789.		
Feb. 18	M	147 49 16·57
20	M	17·94
Mar. 1	I	17·60
15	M	17·85
Lacaille 2791.		
Feb. 23	M	147 12 57·79
26	F	58·65
27	M	57·43
Mar. 13	C	58·50
Lacaille 2805.		
Feb. 24	M	153 9 16·10
Mar. 2	M	17·18
16	I	17·05
Lacaille 2804.		
Feb. 25	I	150 54 38·96
Mar. 8	M	40·16
17	F	40·19
Lacaille 2758.		
Jan. 14	F	146 3 40·37
Mar. 11	M	39·39
20	F	41·37

Day.	Observer.	° ′ ″
Lacaille 2806.		
Jan. 23	C	148 26 12·07
Feb. 12	C	12·36
17	C	12·30
Lacaille 2808.		
Jan. 22	F	145 31 52·44
Feb. 2	C	53·16
Mar. 12	F	53·21
Lacaille 2818.		
Jan. 30	F	151 42 41·96
Feb. 6	M	42·44
16	M	42·60
Lacaille 2812.		
Feb. 18	M	145 20 19·12
23	M	18·32
26	F	19·85
Lacaille 2831.		
Jan. 27	F	152 1 41·76
Feb. 5	I	41·09
10	I	40·59
Lacaille 2827.		
Jan. 19	F	148 14 59·60
Feb. 1	I	60·23
9	F	59·24
13	F	59·60
Lacaille 2848.		
Jan. 22	F	147 48 54·10
27	F	54·59
Feb. 2	C	53·58

R.A. $7^h.\ 27^m.$ to $7^h.\ 40^m.$

Day.	Observer.	° ′ ″
Lacaille 2863.		
Jan. 19	F	146 3 24·19
30	F	24·38
Feb. 1	I	22·23
Lacaille 2877.		
Feb. 10	I	154 14 51·79
17	C	51·76
18	M	51·89
Lacaille 2868.		
Feb. 11	M	146 56 50·92
12	C	52·22
16	M	51·99
Lacaille 2872.		
Feb. 20	M	146 21 33·64
25	I	33·94
27	M	32·69
Lacaille 2878.		
Feb. 23	M	147 40 25·91
26	F	26·69
Mar. 1	I	27·20
Lacaille 2901.		
Feb. 2	C	154 6 18·90
5	I	18·38
Mar. 2	M	19·11
Lacaille 3274		
Mar. 29	F	176 49 7·28

Day.	Observer.	° ′ ″
Lacaille 2911.		
Jan. 23	C	145 36 31·19
Feb. 12	C	31·42
17	M	30·31
Lacaille 2917.		
Feb. 26	F	147 1 6·76
27	M	5·58
Mar. 1	I	6·90
Lacaille 2919.		
Jan. 27	F	148 5 49·89
Feb. 5	I	48·47
11	M	49·38
Lacaille 2930.		
Jan. 16	M	145 56 34·82
19	F	35·28
22	F	36·00
Lacaille 2951.		
Feb. 2	C	145 21 33·07
10	I	34·44
16	M	33·06
Lacaille 2959.		
Jan. 30	F	148 34 39·32
Mar. 2	M	39·49
13	C	39·66
Lacaille 2963.		
Mar. 1	I	146 1 12·95
12	F	14·30
19	C	12·58
24	M	11·20

Day.	Observer.	° ′ ″
Lacaille 2983.		
Feb. 27	M	154 11 30·52
Mar. 5	M	29·24
16	I	32·02
Lacaille 2970.		
Feb. 20	M	145 50 57·63
Mar. 15	M	57·10
20	F	58·18
Lacaille 2979.		
Jan. 16	M	148 20 4·02
20	C	3·44
23	C	4·21
Lacaille 2982.		
Jan. 20	C	148 22 23·90
23	C	22·10
Feb. 12	C	21·59
Lacaille 2975.		
Feb. 5	I	145 0 53·96
13	F	53·61
17	C	53·72
Lacaille 2987.		
Jan. 27	F	149 0 17·63
Feb. 18	M	17·15
Mar. 23	F	18·16
Lacaille 2986.		
Mar. 11	M	147 55 56·95
17	F	57·48
25	I	57·32

R.A. $7^h.\ 42^m.$ to $7^h.\ 56^m.$

Day.	Observer.	° ′ ″
✱ R.A. $7^h.\ 42^m.\ 2^s.$		
Jan. 22	F	146 24 21·93
Lacaille 3011.		
Jan. 22	F	146 25 2·28
Feb. 16	M	2·86
Mar. 10	I	2·88
✱ R.A. $7^h\ 43^m\ 15^s.$		
Feb. 2	C	148 38 56·34
Lacaille 3034.		
Feb. 10	I	153 53 14·23
20	M	14·79
Mar. 11	M	14·64
Lacaille 3025.		
Mar. 1	I	148 46 53·38
2	M	52·69
13	C	52·92
Lacaille 3032.		
Feb. 27	M	151 7 50·38
Mar. 5	M	50·44
15	M	52·23
Lacaille 3030.		
Jan. 27	F	148 35 51·63
30	F	50·51
Feb. 2	C	49·84
Lacaille 3036.		
Mar. 12	F	146 9 31·03
17	F	30·56
19	C	28·54
Lacaille 3046.		
Jan. 16	M	146 5 43·64
Mar. 16	I	44·39
19	C	44·16
20	F	43·72
Lacaille 3060.		
Feb. 12	C	149 58 21·09
17	C	21·36
25	I	20·65
Lacaille 3064.		
Jan. 30	F	149 44 1·66
Feb. 16	M	1·31
Mar. 23	F	0·39
Lacaille 3070.		
Jan. 22	F	145 22 49·06
27	F	50·36
Feb. 2	C	50·42
Lacaille 3092.		
Feb. 10	I	153 58 7·88
20	M	7·69
Mar. 1	I	8·91
Lacaille 3097.		
Feb. 16	M	146 58 22·98
Mar. 8	M	22·41
11	M	22·25
Lacaille 3113.		
Mar. 5	M	150 11 28·34
15	M	28·21
16	I	29·45
Apr. 3	F	28·69
15	F	30·27
Lacaille 3114.		
Mar. 2	M	150 45 52·43
12	F	52·24
24	M	50·46
Lacaille 3110.		
Feb. 17	C	147 5 40·36
Mar. 25	I	40·29
30	M	42·05
Lacaille 3117.		
Feb. 17	C	147 8 27·01
Mar. 13	C	27·79
19	C	27·62
29	F	28·74
Lacaille 3122.		
Feb. 13	F	149 58 6·15
25	I	5·28
Apr. 2	M	5·14
Brisbane 1855.		
Feb. 10	I	152 57 32·31
Mar. 17	F	33·00
Apr. 4	F	32·99
✱ R.A. $7^h.\ 56^m.\ 4^s.$		
Mar. 20	F	150 28 38·27
Apr. 11	F	37·53
✱ R.A. $7^h.\ 56^m.\ 26^s.$		
Feb. 12	C	149 6 40·87
Apr. 5	C	40·29

A Star 7·8 mag. whose Right Ascension is 7h. 56m. 23s. was observed on February 12 and April 5 but the two observations disagree by a quantity equal to one revolution of the micrometer. The Star will be re-observed.

R.A. $7^h.\ 56^m.$ to $8^h.\ 7^m.$

Day.	Observer.	° ′ ″
Lacaille 3134.		
Mar. 20	F	150 28 57·61
Apr. 8	F	58·08
10	M	58·17
11	F	58·24
*** R.A. $7^h.\ 57^m.\ 7^s.$**		
Apr. 12	I	150 14 40·42
16	I	39·89
Lacaille 3138.		
Mar. 8	M	149 51 48·69
11	M	47·51
Apr. 7	M	48·85
Lacaille 3140.		
Feb. 9	F	150 14 35·48
Mar. 23	F	37·19
Apr. 9	C	36·94
14	C	36·83
Lacaille 3144.		
Feb. 20	M	145 6 23·73
Mar. 12	F	25·25
29	F	25·61
Apr. 4	F	23·96
Lacaille 3154.		
Mar. 2	M	153 13 16·78
24	M	16·09
30	M	17·17
Lacaille 3149.		
Mar. 5	M	145 15 19·31
17	F	19·18
Apr. 2	M	18·70

Day.	Observer.	° ′ ″
Lacaille 3150.		
Feb. 13	F	145 11 25·83
Mar. 23	F	24·96
*** R.A. $8^h.\ 2^m.\ 43^s.$**		
Mar. 15	M	152 28 54·83
17	F	54·99
19	C	54·51
20	F	54·96
Lacaille 3175.		
Mar. 8	M	150 1 48·13
11	M	47·18
30	M	48·16
ψ^2 Cancri.		
Jan. 20	C	64 6 53·68
Lacaille 3178.		
Mar. 15	M	152 28 43·43
19	C	42·77
20	F	44·47
Lacaille 3196.		
Mar. 12	F	154 0 56 68
13	C	57·31
Apr. 5	C	57·43
Lacaille 3200.		
Feb. 13	F	153 9 16·31
Mar. 16	I	17·55
Apr. 7	M	16·96

Day.	Observer.	° ′ ″
Lacaille 3211.		
Mar. 24	M	150 42 36·12
Apr. 3	F	37·51
10	M	38·44
Lacaille 3216.		
Mar. 25	I	150 15 29·07
Apr. 4	F	30·10
12	I	30·57
Lacaille 3208.		
Mar. 23	F	145 43 3·66
27	C	w=½ 0·43
Apr. 11	F	4·57
14	C	3·12
Lacaille 3224.		
Mar. 30	M	153 25 59·66
Apr. 8	F	60·20
15	F	59·64
Lacaille 3222.		
Mar. 15	M	150 55 25·26
Apr. 9	C	24·69
17	M	24·40
Lacaille 3220.		
Feb. 9	F	149 10 19·47
Mar. 11	M	20·15
Apr. 7	M	20·66
16	I	20·63
Lacaille 3235.		
Mar. 20	F	154 24 24·24
31	C	22·49
Apr. 5	C	23·53

R.A. 8^h. 10^m. to 8^h. 18^m.

Day.	Observer.	° ′ ″
A Octantis.		
Jan. 25	M	178 30 9·32
26	I	11·48
27	F	10·51
29	M	11·75
30	F	12·99
Feb. 1	I	10·90
2	C	10·13
3	M	10·85
5	I	10·93
6	M	10·38
10	I	10·85
12	C	11·80
15	I	10·79
16	M	11·19
18	M	11·42
20	M	10·62
25	I	10·43
26	F	11·04
27	M	9·68
Mar. 1	I	11·77
2	M	11·25
5	M	11·39
10	I	11·42
Apr. 21	C	12·12
24	C	11·83
29	C	12·42
A Octantis S.P.		
Apr. 29	F	178 30 12·55
Sept. 23	F	9·10
Lacaille 3253.		
Feb. 13	F	146 22 29·11
Mar. 13	C	28·52
19	C	27·92
Lacaille 3264.		
Mar. 15	M	151 3 43·21
16	I	45·26
Apr. 3	F	44·28

Day.	Observer.	° ′ ″
Lacaille 3265.		
Feb. 9	F	146 53 0·73
Mar. 8	M	1·79
20	F	2·53
Apr. 5	C	0·52
*** R.A. 8^h 13^m 20^s.**		
Mar. 31	C	149 40 20·43
Apr. 14	C	21·07
21	C	20·90
Lacaille 3275.		
Mar. 11	M	152 31 48·69
12	F	49·01
29	F	49·13
Apr. 9	C	49·51
Lacaille 3278.		
Mar. 23	F	145 23 11·12
25	I	10·47
Apr. 17	M	10·88
Lacaille 3280.		
Mar. 24	M	145 30 16·55
Apr. 8	F	17·52
16	I	17·67
Lacaille 3286.		
Mar. 30	M	148 18 30·09
Apr. 11	F	29·82
20	M	29·95
Lacaille 3297.		
Apr. 4	F	154 0 51·49
10	M	54·31
19	F	53·09

Day.	Observer.	° ′ ″
Lacaille 3296.		
Apr. 7	M	153 47 54·01
12	I	54·74
21	C	53·97
Lacaille 3289.		
Apr. 3	F	148 46 31·32
15	F	30·54
18	C	30·55
Lacaille 3294.		
Apr. 5	C	149 55 23·30
9	C	23·13
14	C	21·60
*** R.A. 8^h 15^m 59^s.**		
Apr. 5	C	149 55 9·66
9	C	9·72
14	C	10·22
Lacaille 3303.		
Mar. 8	M	146 27 47·90
15	M	46·27
17	F	47·15
Lacaille 3307.		
Mar. 11	M	149 42 26·74
19	C	27·59
31	C	26·61
*** R.A. 8^h 18^m 14^s.**		
Mar. 19	C	149 42 11·82

R.A. 8^h. 18^m. to 8^h. 32^m.

Day.	Observer.	° ′ ″
Lacaille 3315.		
Jan. 21	M	147 34 29·07
Feb. 10	I	28·47
Mar. 13	C	28·82
Lacaille 3320.		
Feb. 13	F	151 59 42·07
Mar. 30	M	42·10
Apr. 11	F	42·32
Lacaille 3330.		
Mar. 20	F	153 42 20·18
24	M	18·54
Apr. 10	M	18·93
Lacaille 3327.		
Jan. 27	F	149 6 28·50
Apr. 7	M	28·27
15	F	27·97
17	M	27·56
Lacaille 3322.		
Mar. 12	F	147 29 12·50
Apr. 4	F	12·24
8	F	12·49
Lacaille 3335.		
Mar. 17	F	145 23 2·17
Apr. 3	F	3·52
14	C	1·73
19	F	2·80
Lacaille 3343.		
Mar. 8	M	145 3 53·31
23	F	53·17
31	C	52·30

Day.	Observer.	° ′ ″
Lacaille 3347.		
Apr. 21	C	145 20 26·67
22	I	26·06
23	M	26·51
*** R.A. 8^h 22^m 17^s.**		
Apr. 20	M	145 19 19·37
21	C	19·39
Lacaille 3352.		
Mar. 11	M	147 43 25·85
16	I	27·05
25	I	26·26
v^3 Cancri.		
Jan. 20	C	65 29 56·95
Feb. 17	C	55·62
Lacaille 3378.		
Feb. 13	F	154 11 22·51
Mar. 13	C	22·90
24	M	21·16
Lacaille 3393.		
Mar. 12	F	149 42 18·85
17	F	18·20
Apr. 3	F	18·48
7	M	18·09
*** R.A. 8^h. 26^m. 56^s.**		
Feb. 12	C	149 45 37·95
Mar. 30	M	38·32
Apr. 9	C	37·47

Day.	Observer.	° ′ ″
Lacaille 3414.		
Jan. 21	M	145 22 34·87
Mar. 20	F	35·93
31	C	34·70
Lacaille 3417.		
Mar. 15	M	146 12 33·25
24	M	32·51
Apr. 4	F	33·99
Lacaille 3430.		
Feb. 10	I	151 54 50·80
Mar. 25	I	51·11
Apr. 5	I	51·60
Lacaille 3421.		
Feb. 13	F	145 2 38·02
Mar. 23	F	35·99
Apr. 8	F	37·77
Lacaille 3425.		
Mar. 16	I	145 58 10·47
17	F	10·14
Apr. 10	M	9·62
Lacaille 3448.		
Feb. 12	C	148 21 43·44
Mar. 30	M	43·29
Lacaille 3452.		
Mar. 10	I	147 47 31·42
Apr. 7	M	32·59
12	I	32·97
14	C	31·37

R.A. $8^h.\ 32^m.$ to $8^h.\ 44^m.$

Day.	Observer.	° ′ ″
Lacaille 3451.		
Feb. 25	I	147 34 37·14
Apr. 3	F	38·98
9	C	38·51
Lacaille 3454.		
Mar. 12	F	145 56 30·51
13	C	30·18
Apr. 17	M	29·55
Lacaille 3458.		
Mar. 24	M	146 16 32·89
31	C	34·11
Apr. 15	F	34·49
Lacaille 3461.		
Mar. 1	I	146 26 8·59
20	F	9·95
Apr. 8	F	10·13
16	I	9·10
*** R.A. $8^h.\ 33^m.\ 20^s.$**		
Mar. 1	I	146 26 42·23
Lacaille 3465.		
Feb. 13	F	149 53 27·93
Mar. 19	C	28·63
Apr. 19	F	28·69
Lacaille 3475.		
Mar. 11	M	152 24 51·39
Apr. 11	F	51·93
21	C	50·92

Day.	Observer.	° ′ ″
Lacaille 3473.		
Mar. 15	M	145 30 4·73
Apr. 10	M	3·21
20	M	3·83
γ Cancri.		
Feb. 17	C	68 4 59·55
Lacaille 3491.		
Mar. 11	M	152 24 8·07
17	F	8·16
Apr. 11	F	8·38
Lacaille 3490.		
Feb. 13	F	149 52 30·83
Mar. 19	C	31·69
Apr. 14	C	32·85
Lacaille 3494.		
Mar. 16	I	149 6 10·96
30	M	10·37
Apr. 7	M	10·18
Lacaille 3497.		
Mar. 12	F	147 6 2·53
Apr. 3	F	2·38
8	F	2·45
Lacaille 3504.		
Feb. 10	I	149 18 55·58
26	F	57·27
Apr. 9	C	56·03

Day.	Observer.	° ′ ″
Lacaille 3522.		
Mar. 24	M	153 53 16·75
31	C	w=½ 15·01
Apr. 15	F	17·71
16	F	16·83
Lacaille 3513.		
Apr. 10	M	145 19 38·57
12	I	38·47
Lacaille 3540.		
Mar. 11	M	151 14 1·83
13	C	2·24
Apr. 3	F	2·05
Lacaille 3545.		
Mar. 15	M	148 16 6·65
19	C	6·36
Apr. 7	M	6·58
Lacaille 3544.		
Mar. 30	M	145 24 6·12
31	C	6·33
Apr. 11	F	5·58
Lacaille 3554.		
Jan. 21	M	146 18 38·83
Feb. 17	C	39·44
Mar. 25	I	38·78
Lacaille 3573.		
Mar. 10	I	152 43 48·48
12	F	48·71
17	F	48·76

R.A. 8^h. 44^m. to 8^h. 56^m.

Day.	Observer.	° ′ ″
Lacaille 3759.		
Apr. 4	F	176 7 59·49
23	M	59·22
May 5	M	59·10
* R.A. 8^h. 47^m. 18^s.		
Mar. 12	F	152 42 54·95
17	F	55·56
Apr. 5	C	54·87
Lacaille 3592.		
Feb. 26	F	145 20 19·62
Mar. 24	M	18·31
Apr. 3	F	20·34
Lacaille 3594.		
Jan. 21	M	147 9 50·37
Feb. 12	C	50·10
17	C	51·57
Mar. 13	C	50·20
Lacaille 3602.		
Mar. 11	M	150 53 50·99
30	M	52·06
Apr. 14	C	52·74
Lacaille 3598.		
Mar. 15	M	145 46 14·58
19	C	13·57
Apr. 15	F	14·58
* R.A. 8^h 49^m 3^s.		
Apr. 14	C	150 56 56·41
16	I	55·93
21	C	55·88

Day.	Observer.	° ′ ″
Lacaille 3603.		
Mar. 20	F	146 10 40·43
Apr. 8	F	38·83
17	M	38·38
Lacaille 3606.		
Mar. 16	I	146 2 45·80
Apr. 10	M	44·91
19	F	45·67
Lacaille 3613.		
Mar. 25	I	149 52 43·23
Apr. 11	F	43·84
20	M	43·21
Lacaille 3618.		
Apr. 7	M	147 45 45·54
12	I	45·51
21	C	44·66
Lacaille 3626.		
Mar. 10	I	150 10 4·30
31	C	5·40
Apr. 5	C	3·61
* R.A. 8^h. 52^m. 41^s.		
Mar. 12	F	145 1 49·63
24	M	49·58
30	M	48·48
Lacaille 3625.		
Mar. 12	F	145 2 55·14
24	M	53·91
30	M	54·97

Day.	Observer.	° ′ ″
Lacaille 3634.		
Mar. 11	M	150 43 35·04
Apr. 3	F	35·53
14	C	37·11
Lacaille 3639.		
Mar. 15	M	148 44 49·95
17	F	50·82
Apr. 9	C	50·94
* R.A. 8^h. 53^m. 59^s.		
Mar. 15	M	148 44 40·13
17	F	39·73
Apr. 9	C	41·25
Lacaille 3649.		
Mar. 20	F	153 3 49·40
Apr. 8	F	49·31
16	I	48·85
Lacaille 3661.		
Jan. 21	M	148 36 21·61
Feb. 17	C	21·05
26	F	21·12
Mar. 19	C	20·92
Apr. 7	M	21·19
Lacaille 3659.		
Feb. 17	C	148 33 11·58
Apr. 15	F	11·70
24	C	12·05
Lacaille 3668.		
Mar. 16	I	154 2 37·22
Apr. 10	M	36·08
17	M	37·47

R.A. $8^h.\ 56^m.$ to $9^h.\ 9^m.$

Day.	Observer.	° ′ ″
Lacaille 3670.		
Mar. 11	M	152 58 44·38
Apr. 3	F	45·52
14	C	45·41
Lacaille 3673.		
Mar. 10	I	150 28 23·52
30	M	24·15
Apr. 5	C	22·37
Lacaille 3691.		
Mar. 12	F	151 51 27·32
13	C	26·66
Apr. 8	F	27·66
*** R.A. $9^h.\ 1^m.\ 1^s.$**		
Mar. 15	M	145 50 35·97
17	F	35·86
Apr. 9	C	35·48
Lacaille 3689.		
Mar. 15	M	145 50 35·97
17	F	35·87
Apr. 9	C	35·48
Lacaille 3693.		
Feb. 16	M	147 21 16·16
Mar. 20	F	17·43
Apr. 10	M	16·21
ξ Cancri.		
Jan. 21	M	67 27 1·70
Lacaille 3705.		
Mar. 11	M	151 19 38·94
29	F	40·48
Apr. 12	I	40·63

Day.	Observer.	° ′ ″
Lacaille 3703.		
Feb. 17	C	145 18 0·88
Mar. 19	C	0·80
Apr. 14	C	1·28
Lacaille 3712.		
Mar. 24	M	153 59 52·56
Apr. 7	M	53·43
16	I	53·88
Lacaille 3707.		
Feb. 26	F	149 45 29·96
Apr. 5	C	28·63
19	F	28·88
20	M	28·70
Lacaille 3706.		
Mar. 16	I	146 57 38·17
25	I	37·52
Apr. 21	C	38·13
Lacaille 3708.		
Mar. 23	F	152 20 47·41
30	M	46·45
Apr. 15	F	47·97
Lacaille 3717.		
Mar. 10	I	147 37 35·10
12	F	36·09
Apr. 8	F	36·95
Lacaille 3728.		
Jan. 21	M	148 45 47·22
Feb. 16	M	45·94
Apr. 22	I	46·40

Day.	Observer.	° ′ ″
Lacaille 3738.		
Mar. 11	M	148 27 19·57
Apr. 9	C	20·53
24	C	20·43
Lacaille 3747.		
Mar. 13	C	150 26 29·59
Apr. 14	C	28·99
27	C	28·87
29	C	29·34
Lacaille 3740.		
Mar. 15	M	147 6 23·58
Apr. 12	I	22·67
23	M	23·01
Lacaille 3742.		
Apr. 3	F	147 27 20·86
15	F	20·54
17	M	20·80
Lacaille 3753.		
Apr. 7	M	151 48 15·90
20	M	16·31
May 5	M	16·81
Lacaille 3760.		
Mar. 20	F	148 53 56·37
Apr. 5	C	54·52
8	F	55·66
Lacaille 3761.		
Mar. 13	C	150 24 4·95
19	C	6·57
Apr. 14	C	5·21

R.A. 9^h. 10^m. to 9^h. 22^m.

Day.	Observer.	° ′ ″
Lacaille 3762.		
Feb. 16	M	145 3 9·37
Mar. 30	M	9·21
Apr. 29	C	9·95
Lacaille 3769.		
Mar. 23	F	150 45 43·88
Apr. 16	I	43·51
May 6	F	42·85
Lacaille 3770.		
Jan. 21	M	150 0 59·33
Apr. 24	C	60·50
26	I	60·21
Lacaille 3768.		
Mar. 10	I	145 7 19·97
12	F	19·46
May 7	I	20·22
Lacaille 3776.		
Feb. 26	F	147 52 6·03
Apr. 25	F	3·97
May 5	M	4·31
Lacaille 3783.		
Mar. 25	I	154 32 4·09
Apr. 23	M	4·93
30	I	5·56
Lacaille 3777.		
Mar. 11	M	147 3 24·43
Apr. 15	F	26·10
24	C	26·63
Lacaille 3782.		
Mar. 11	M	147 1 9·04
Apr. 3	F	8·49
29	C	7·96
Lacaille 3785.		
Mar. 15	M	146 13 39·82
Apr. 17	M	40·35
22	I	39·33
Lacaille 3792.		
Mar. 24	M	148 45 4·72
Apr. 20	M	4·81
21	C	5·23
ζ Octantis.		
Apr. 10	M	175 9 35·52
11	M	34·50
Lacaille 3797.		
Feb. 16	M	146 44 49·48
Apr. 7	M	48·54
8	F	49·96
Lacaille 3798.		
Jan. 21	M	149 7 13·04
Mar. 30	M	12·52
Apr. 14	C	11·86
Lacaille 3799.		
Feb. 17	C	145 50 20·49
Mar. 12	F	19·09
Apr. 5	C	18·08
12	I	19·66
Lacaille 3818.		
Mar. 13	C	151 27 43·17
19	C	43·18
Apr. 3	F	42·95
Lacaille 3823.		
Mar. 15	M	151 52 20·75
20	F	21·46
Apr. 15	F	21·89
Lacaille 3814.		
Mar. 16	I	146 22 18·22
23	F	18·34
24	M	17·19
Lacaille 3837.		
Jan. 21	M	149 45 57·05
Mar. 12	F	57·33
Apr. 17	M	57·09
Lacaille 3847.		
Mar. 11	M	151 6 31·98
Apr. 7	M	32·30
14	C	33·24
Lacaille 3855.		
Mar. 10	I	145 32 56·10
25	I	57·56
Apr. 21	C	56·78
Lacaille 3869.		
Mar. 15	M	154 10 8·11
Apr. 12	I	9·47
22	I	9·15

R.A. $9^h.\ 22^m.$ to $9^h.\ 31^m.$

Day.	Observer.	° ′ ″
Lacaille 3866.		
Apr. 15	F	151 24 42·87
23	M	42·74
24	C	42·01
Lacaille 3878.		
Mar. 24	M	154 43 49·93
30	M	51·11
Apr. 29	C	51·81
Lacaille 3877.		
Mar. 23	F	149 2 9·36
Apr. 16	I	11·24
30	I	10·38
Lacaille 3881.		
Apr. 20	M	146 27 42·89
May 5	M	43·24
Lacaille 3890.		
Mar. 20	F	154 23 18·82
Apr. 8	F	18·08
May 7	I	19·08
λ Leonis.		
Jan. 21	M	66 28 54·25
Lacaille 3901.		
Apr. 7	M	151 43 37·40
29	C	38·99
May 9	M	37·92
Lacaille 3895.		
Mar. 16	I	145 59 26·01
Apr. 25	F	24·61
May 6	F	25·55

Day.	Observer.	° ′ ″
Lacaille 3899.		
Apr. 14	C	147 45 8·00
21	C	6·97
24	C	6·84
Lacaille 3907.		
Feb. 25	I	151 48 46·25
Apr. 9	C	47·30
May 10	C	47·02
Lacaille 3904.		
Mar. 11	M	147 48 47·18
Apr. 3	F	47·14
14	C	48·13
20	M	47·42
23	M	46·79
Lacaille 3910.		
Mar. 13	C	146 29 0·76
29	F	1·68
Apr. 5	C	0·18
Lacaille 3912.		
Mar. 15	M	146 26 13·57
Apr. 5	C	12·46
22	I	12·97
Lacaille 3924.		
Mar. 10	I	150 40 54·78
19	C	55·36
Apr. 29	C	55·79
Lacaille 3921.		
Mar. 23	F	146 32 25·10
Apr. 8	F	27·06
May 10	C	27·58

Day.	Observer.	° ′ ″
Lacaille 3927.		
Apr. 15	F	149 58 12·49
30	I	11·48
May 11	M	11·17
Lacaille 3932.		
May 6	F	152 14 9·58
7	I	11·21
13	C	9·94
Lacaille 3930.		
Mar. 24	M	147 24 29·77
30	M	31·27
May 14	F	32·46
Lacaille 3944.		
Mar. 20	F	154 49 24·83
May 9	M	22·91
15	M	23·61
Lacaille 3943.		
Mar. 25	I	150 4 20·91
Apr. 17	M	20·86
May 16	F	21·44
Lacaille 3949.		
Mar. 29	F	148 40 24·35
Apr. 3	F	22·30
29	C	22·45
May 10	C	22·29
*** R.A. $9^h.\ 31^m.\ 46^s.$**		
Apr. 29	C	148 38 49·19
May 17	I	48·59

R.A. $9^h.\ 32^m.$ to $9^h.\ 43^m.$

Day.	Observer.	° ′ ″
* R.A. $9^h\ 32^m\ 4^s$.		
Apr. 9	C	154 26 33·17
14	C	32·84
21	C	32·15
24	C	32·46
Lacaille 3972.		
Mar. 16	F	153 59 37·83
Apr. 8	F	37·79
23	M	38·61
Lacaille 3965.		
Mar. 11	M	154 23 27·20
Apr. 7	M	27·10
9	C	29·13
14	C	28·79
20	M	27·05
May 11	M	27·85
Lacaille 3974.		
Mar. 10	I	149 19 40·75
19	C	41·10
Apr. 25	F	40·87
Lacaille 3980.		
Mar. 15	M	148 36 41·87
Apr. 29	C	42·19
May 13	C	42·39
17	I	41·89
Lacaille 3986.		
Mar. 24	M	153 50 17·01
Apr. 12	I	18·72
30	I	18·34
Lacaille 3989.		
Apr. 10	M	153 55 30·46
15	F	31·27
May 14	F	30·52
Lacaille 3987.		
Mar. 17	F	150 45 45·79
May 8	C	46·26
9	M	45·77
15	M	46·31
* R.A. $9^h\ 36^m\ 9^s$.		
Mar. 23	F	148 43 6·53
May 5	M	6·29
10	C	5·36
Lacaille 3993.		
Apr. 16	I	152 22 35·73
22	I_1	36·32
May 11	M	35·87
Lacaille 3990.		
Apr. 7	M	147 24 55·96
21	C	56·05
24	C	56·74
Lacaille 3992.		
Mar. 25	I	146 41 22·34
Apr. 20	M	22·85
23	M	22·99
Lacaille 4000.		
Mar. 11	M	145 15 45·24
Apr. 3	F	46·07
8	F	45·85
Lacaille 4008.		
Mar. 12	F	146 22 50·40
24	M	47·68
30	M	49·46
Lacaille 4024.		
Mar. 10	I	146 59 34·63
17	F	34·88
Apr. 14	C	34·15
Lacaille 4028.		
Mar. 15	M	146 36 34·81
23	F	36·01
Apr. 22	I	35·41
Lacaille 4033.		
Mar. 29	F	151 55 56·32
Apr. 5	C	54·94
23	M	54·00
Lacaille 4032.		
Apr. 7	M	148 13 8·94
10	M	10·06
21	C	8·64
Lacaille 4035.		
Apr. 8	F	148 46 30·62
15	F	30·04
20	M	29·28
Lacaille 4038.		
Apr. 3	F	146 10 61·10
12	I	59·83
16	I	60·87

R.A. $9^h.\ 43^m.$ to $9^h.\ 59^m.$

Day.	Observer.	° ′ ″
Lacaille 4051.		
Mar. 24	M	154 29 31·76
30	M	33·80
Lacaille 4049.		
Mar. 11	M	145 49 51·92
25	I	50·47
Apr. 17	M	51·56
*** R.A. $9^h.\ 46^m.\ 25^s.$**		
Mar. 13	C	148 53 25·29
Lacaille 4061.		
Mar. 10	I	148 50 18·48
12	F	19·52
Lacaille 4066.		
Mar. 16	I	152 9 36·30
17	F	36·16
Apr. 7	M	35·14
*** R.A. $9^h.\ 48^m.\ 2^s.$**		
Apr. 5	C	175 26 14·21
May 14	F	14·40
Lacaille 4169.		
Apr. 5	C	175 26 13·38
25	F	12·92
May 13	C	14·16
14	F	14·81
Lacaille 4078.		
Mar. 15	M	147 8 9·30
20	F	9·82
24	M	8·54

Day.	Observer.	° ′ ″
Lacaille 4100.		
Mar. 11	M	146 16 6·03
17	F	6·23
30	M	6·47
Lacaille 4105.		
Mar. 13	C	153 53 46·52
19	C	47·35
Apr. 7	M	46·34
Lacaille 4104.		
Mar. 24	M	151 20 10·49
Apr. 10	M	9·84
14	C	10·21
Lacaille 4109.		
Apr. 8	F	151 59 21·67
15	F	21·31
17	M	21·13
Lacaille 4108.		
Mar. 16	I	147 31 48·96
Apr. 21	C	48·34
29	C	48·81
Lacaille 4112.		
Mar. 25	I	151 43 8·41
Apr. 22	I	10·14
May 8	C	9·59
Lacaille 4117.		
Mar. 15	M	152 44 43·20
Apr. 24	C	43·87
May 10	C	43·41

Day.	Observer.	° ′ ″
Lacaille 4118.		
Mar. 20	F	146 20 47·20
Apr. 3	F	47·11
May 6	F	47·57
11	M	47·69
Lacaille 4129.		
Apr. 29	C	145 29 43·47
May 5	F	43·57
13	C	43·30
Lacaille 4133.		
Apr. 7	M	146 44 51·87
May 9	M	54·16
14	F	53·61
Lacaille 4138.		
Mar. 30	M	149 49 5·75
May 8	C	5·51
15	M	7·03
Lacaille 4145.		
Mar. 11	M	149 34 29·62
Apr. 8	F	28·87
10	M	28·40
14	C	28·77
21	C	28·66
Lacaille 4148.		
Mar. 24	M	151 33 8·82
Apr. 15	F	10·79
May 6	F	9·47
Lacaille 4151.		
Apr. 14	C	149 35 40·84
21	C	41·10
May 10	C	40·34

R.A. 9^h. 59^m. to 10^h. 11^m.

Day.	Observer.	° ′ ″
Lacaille 4153.		
Apr. 17	M	151 16 43·84
29	C	43·65
Lacaille 4155.		
Mar. 13	C	146 17 28·79
20	F	29·44
23	F	30·07
Apr. 16	I	29·24
Lacaille 4163.		
Mar. 15	M	154 2 27·50
Apr. 3	F	27·86
22	I	28·60
Lacaille 4166.		
Mar. 16	I	153 13 33·82
Apr. 7	M	32·51
23	M	32·58
Lacaille 4174.		
Mar. 17	F	147 35 11·17
Apr. 8	F	10·92
24	C	9·72
Lacaille 4173.		
Mar. 25	I	145 49 28·03
Apr. 15	F	30·51
20	M	28·99
Lacaille 4179.		
Mar. 30	M	151 36 36·02
Apr. 10	M	35·88
29	C	36·54

Day.	Observer.	° ′ ″
*** R.A. 10^h. 4^m. 16^s.**		
Apr. 17	M	145 48 27·24
May 8	C	26·43
Lacaille 4191.		
Mar. 10	I	154 53 52·31
Apr. 14	C	53·44
May 5	M	53·91
Lacaille 4189.		
Mar. 15	M	150 56 16·31
20	F	17·00
29	F	16·48
Lacaille 4199.		
Mar. 11	M	153 46 9·93
May 6	F	10·91
9	M	10·13
Lacaille 4200.		
Apr. 16	I	148 12 42·95
23	M	42·76
May 11	M	44·06
Lacaille 4201.		
Mar. 13	C	147 26 37·61
May 8	C	37·63
10	C	37·37
Lacaille 4207.		
Apr. 5	C	150 55 29·06
22	I	29·70
May 13	C	30·02

Day.	Observer.	′ ″
*** R.A. 10^h. 7^m. 56^s.**		
Apr. 3	F	148 59 8·88
29	C	8·84
May 14	F	9·27
Lacaille 4217.		
Apr. 8	F	149 17 58·97
21	C	57·58
May 15	M	58·68
Lacaille 4215.		
Mar. 17	F	145 58 5·01
Apr. 24	C	3·60
May 6	F	4·83
Lacaille 4225.		
Mar. 24	M	154 32 50·17
30	M	51·90
May 5	M	51·54
Lacaille 4224.		
Mar. 16	I	151 2 23·85
Apr. 20	M	22·18
May 16	F	23·22
Lacaille 4240.		
Mar. 15	M	151 54 53·82
Apr. 15	F	55·24
29	C	52·81
Lacaille 4241.		
Mar. 20	F	149 16 51·78
25	I	51·08
Apr. 8	F	51·85
21	C	51·19

R.A. 10h. 12m. to 10h. 24m.

Day.	Observer.	° ′ ″
Lacaille 4249.		
Mar. 12	F	150 42 29·24
17	F	30·04
29	F	w=⅓ 32·39
May 6	F	29·58
Lacaille 4259.		
Mar. 13	C	154 48 15·23
19	C	15·84
Apr. 23	M	14·98
Lacaille 4256.		
Mar. 30	M	145 29 17·44
Apr. 7	M	19·80
24	C	18·19
Lacaille 4268.		
Mar. 11	M	154 2 57·31
Apr. 10	M	57·48
29	C	57·58
Lacaille 4265.		
Mar. 24	M	148 31 7·59
Apr. 16	I	7·42
20	M	6·52
Lacaille 4274.		
Mar. 16	I	154 30 34·93
20	F	34·36
Apr. 5	C	34·07
14	C	33·69
Lacaille 4285.		
Mar. 10	I	154 33 57·44
Apr. 5	C	57·36
14	C	58·24

Day.	Observer.	° ′ ″
Lacaille 4282.		
Mar. 12	F	147 38 8·95
17	F	10·08
Apr. 21	C	8·83
Lacaille 4292.		
Mar. 25	I	148 34 26·68
Apr. 7	M	27·98
May 5	M	29·00
Lacaille 4291.		
Mar. 15	M	147 19 14·89
19	C	15·26
Apr. 24	C	14·54
Lacaille 4300.		
Mar. 13	C	147 56 31·76
20	F	32·65
Apr. 16	I	32·17
17	M	33·03
* R.A. 10h. 22m. 21s.		
Apr. 3	F	149 1 59·16
Lacaille 4312.		
Mar. 17	F	153 42 55·97
Apr. 19	F	55·75
May 14	F	55·36
Lacaille 4310.		
Mar. 12	F	147 0 6·10
24	M	5·72
May 15	M	6·31

Day.	Observer.	° ′ ″
Lacaille 4314.		
Mar. 10	I	148 6 5·37
29	F	6·60
Apr. 14	C	5·83
Lacaille 4311.		
Mar. 30	M	152 53 8·53
Apr. 12	I	8·45
May 13	C	9·26
Lacaille 4316.		
Apr. 15	F	152 23 9·95
21	C	8·09
May 16	F	8·22
18	M	7·80
Lacaille 4313.		
Apr. 11	F	146 33 38·70
22	I	38·82
May 5	M	38·38
17	I	37·81
Lacaille 4318.		
Apr. 29	C	152 31 34·22
May 6	F	33·86
19	C	33·79
Lacaille 4320.		
Apr. 23	M	146 35 40·19
30	I	40·93
* R.A. 10h. 24m. 28s.		
Apr. 17	M	151 56 62·34
May 8	C	59·07

R.A. $10^h.\ 24^m$ to $10^h.\ 31^m$.

Day.	Observer.	° ′ ″
✱ R.A. $10^h.\ 24^m.\ 30^s.$		
Apr. 17	M	151 56 42·24
24	C	41·62
May 8	C	41·16
11	M	41·88
Lacaille 4328.		
Apr. 24	C	151 54 35·71
May 8	C	35·43
23	C	37·18
Lacaille 4323.		
Mar. 20	F	148 58 21·09
Apr. 7	M	20·02
May 9	M	20·75
24	M	21·12
Lacaille 4330.		
Apr. 8	F	153 31 59·96
May 10	C	59·43
30	F	59·39
Lacaille 4331.		
Mar. 16	I	154 32 17·41
May 12	F	17·06
31	I	17·19
Lacaille 4332.		
Mar. 15	M	146 26 11·14
May 13	C	12·16
15	M	12·11
Lacaille 4337.		
Mar. 11	M	150 42 56·08
Apr. 16	I	56·35
May 14	F	56·95
Lacaille 4348.		
Apr. 20	M	151 2 33·72
May 13	C	34·09
16	F	34·21
Lacaille 4353.		
Mar. 24	M	153 17 50·92
Apr. 3	F	52·11
May 6	F	52·74
Brisbane 3076.		
Apr. 29	C	148 1 24·55
May 5	M	22·94
12	F	24·48
Lacaille 4355.		
Mar. 30	M	149 28 11·65
Apr. 5	C	10·76
May 10	C	11·57
Lacaille 4356.		
Mar. 13	C	147 32 44·73
19	C	44·68
May 11	M	45·75
Lacaille 4366.		
Mar. 10	I	150 20 32·80
12	F	32·80
Apr. 8	F	33·04
May 8	C	31·47
Lacaille 4352.		
Apr. 11	F	147 10 56·35
21	C	56·20
Lacaille 4376.		
Apr. 4	F	153 29 17·32
7	M	16·54
24	C	16·64
✱ R.A. $10^h.\ 30^m.\ 41^s.$		
Apr. 4	F	153 28 58·13
7	M	58·62
24	C	58·68
Lacaille 4373.		
Mar. 15	M	146 54 39·06
Apr. 15	F	40·86
May 9	M	39·11
✱ R.A. $10^h.\ 30^m.\ 56^s.$		
Mar. 13	C	147 32 45·37
19	C	44·68
27	C	46·45
Lacaille 4375.		
Mar. 13	C	147 34 37·88
19	C	36·91
27	C	36·13
✱ R.A. $10^h.\ 31^m.\ 24^s.$		
Apr. 21	C	147 12 56·13
Lacaille 4380.		
Apr. 12	I	148 54 55·56
29	C	55·42
May 13	C	55·62

R.A. $10^h.\ 31^m.$ to $10^h.\ 37^m.$

Day.	Observer.	° ′ ″
Lacaille 4383.		
Apr. 3	F	148 32 33·32
20	M	33·11
May 6	F	32·96
10	C	32·51
✱ R.A. $10^h.\ 31^m.\ 57^s.$		
May 6	F	148 31 13·92
10	C	11·50
12	F	14·18
Lacaille 4388.		
Mar. 11	M	148 5 5·48
Apr. 19	F	4·84
May 15	M	4·71
Lacaille 4390.		
Mar. 24	M	146 36 24·25
Apr. 22	I	25·53
May 14	F	25·60
Lacaille 4396.		
Mar. 16	I	148 31 58·81
Apr. 3	F	58·68
20	M	57·81
Lacaille 4405.		
Apr. 16	I	154 23 32·97
30	I	31·94
May 5	M	32·53
Lacaille 4397.		
Mar. 30	M	148 36 44·57
May 8	C	45·18
16	F	44·23

Day.	Observer.	° ′ ″
✱ R.A. $10^h.\ 34^m.\ 12^s.$		
May 8	C	148 37 6·11
Lacaille 4401.		
Apr. 15	F	148 10 1·65
29	C	1·31
May 17	I	1·26
Lacaille 4403.		
Mar. 12	F	145 20 20·69
Apr. 8	F	21·17
May 18	M	21·43
Lacaille 4409.		
Apr. 7	M	153 50 50·12
14	C	54·08
May 19	C	52·30
Lacaille 4408.		
Apr. 4	F	150 20 5·33
May 9	M	4·17
20	I	5·32
Lacaille 4410.		
Mar. 20	F	153 27 40·27
May 11	M	39·95
June 5	M	37·22
Lacaille 4418.		
Mar. 15	M	154 26 54·50
May 12	F	55·91
June 6	F	55·85

Day.	Observer.	° ′ ″
Lacaille 4424.		
Apr. 17	M	154 0 4·57
May 15	M	3·70
June 7	C	3·62
Lacaille 4420.		
Apr. 5	C	149 19 15·05
24	C	15·31
May 6	F	16·11
19	C	15·55
30	F	14·95
Lacaille 4417.		
Apr. 11	F	145 24 58·45
May 13	C	57·72
June 8	F	58·78
Lacaille 4422.		
Apr. 19	F	149 1 26·43
May 22	F	27·61
31	I	26·85
June 11	F	26·87
Lacaille 4427.		
Apr. 7	M	153 49 18·02
14	C	19·41
21	C	18·40
✱ R.A. $10^h.\ 37^m.\ 21^s.$		
Apr. 24	C	149 12 57·38
Lacaille 4425.		
May 23	C	149 15 11·54
June 1	M	11·83
9	F	11·60

R.A. $10^h.\ 37^m.$ to $10^h.\ 41^m.$

Day.	Observer.	° ′ ″
Lacaille 4434.		
Apr. 12	I	152 51 13·38
May 10	C	12·98
June 6	F	13·86
Lacaille 4433.		
Apr. 29	C	146 13 24·17
May 5	M	23·55
June 5	M	23·64
Lacaille 4440.		
Mar. 24	M	153 48 45·09
27	C	46·62
Apr. 7	M	44·82
14	C	47·87
21	C	46·13
Lacaille 4435.		
Mar. 11	M	148 33 41·58
May 14	F	42·95
June 7	C	41·76
Lacaille 4443.		
Mar. 10	I	150 19 55·53
12	F	56·66
Apr. 4	F	55·88
Lacaille 4445.		
Apr. 15	F	150 30 49·47
22	I	49·19
June 8	M	51·32
Lacaille 4447.		
Mar. 27	C	153 44 24·95
June 14	M	24·66

Day.	Observer.	° ′ ″
Lacaille 4446.		
May 11	M	149 54 41·59
16	F	41·57
18	M	41·61
Lacaille 4448.		
Mar. 30	M	149 27 44·49
June 5	M	43·99
10	C	44·05
Lacaille 4449.		
May 8	C	148 53 31·28
June 6	F	32·43
11	F	31·72
Brisbane 3190.		
May 8	C	148 55 9·56
Lacaille 4452.		
Apr. 20	M	153 35 35·43
May 17	I	36·51
June 9	F	37·93
Lacaille 4451.		
Apr. 30	I	149 20 14·24
May 13	C	14·38
June 7	C	15·54
Lacaille 4455.		
Apr. 3	F	153 18 20·30
May 22	F	19·72
24	M	20·78

Day.	Observer.	° ′ ″
Lacaille 4457.		
Mar. 13	C	149 1 40·10
Apr. 8	F	39·96
June 8	M	40·57
Lacaille 4464.		
Mar. 15	M	149 56 41·35
Apr. 19	F	42·23
June 5	M	42·16
Lacaille 4465.		
Apr. 11	F	151 17 1·79
29	C	1·30
June 1	M	0·77
Lacaille 4471.		
Apr. 15	F	153 51 25·04
16	I	24·41
May 6	F	24·48
31	I	23·22
Lacaille 4470.		
Apr. 17	M	152 38 22·15
May 12	F	22·19
30	F	22·81
Lacaille 4468.		
Mar. 12	F	146 5 54·92
May 15	M	54·43
June 6	F	55·54
Lacaille 4473.		
May 5	M	153 36 18·23
14	F	18·76
19	C	19·06

R.A. $10^h.\ 42^m.$ to $10^h.\ 56^m.$

Day.	Observer.	° ′ ″
Lacaille 4475.		
Mar. 24	M	153 43 29·64
May 9	M	28·80
18	M	31·00
* R.A. $10^h.\ 42^m.\ 35^s.$		
May 19	C	153 36 22·72
Lacaille {4476. 4479.}		
Apr. 5	C	149 12 57·50
7	M	55·92
24	C	57·38
Lacaille 4485.		
May 10	C	153 53 15·73
16	F	16·56
Lacaille {4482. 4484.}		
Apr. 5	C	149 15 33·70
24	C	34·56
May 13	C	35·19
Lacaille 4487.		
Mar. 16	I	153 36 13·21
May 11	M	13·02
19	C	13·49
Lacaille 4493.		
Mar. 19	C	148 39 46·22
30	M	46·31
Apr. 3	F	46·03
Lacaille 4495.		
Mar. 19	I	151 58 25·21
Apr. 8	F	26·73
May 6	F	27·02

Day.	Observer.	° ′ ″
Lacaille 4497.		
Mar. 11	M	150 36 26·65
Apr. 19	F	26·32
22	I	27·49
Lacaille 4501.		
Mar. 12	F	146 36 33·24
Apr. 12	I	34·00
May 8	C	33·17
Lacaille 4507.		
Mar. 15	M	146 34 36·88
Apr. 17	M	36·82
May 8	C	35·81
Brisbane 3272.		
May 6	F	148 13 44·66
13	C	44·86
14	F	45·37
Lacaille 4514.		
Mar. 24	M	145 45 20·92
Apr. 16	I	21·92
30	I	20·25
Lacaille 4515.		
Mar. 20	F	148 11 23·68
May 5	M	22·39
9	M	22·80
Lacaille 4524.		
Mar. 25	I	151 9 37·94
30	M	39·58
Apr. 21	C	38·93

Day.	Observer.	° ′ ″
Lacaille 4530.		
Mar. 11	M	149 51 12·47
19	C	13·20
Apr. 5	C	12·33
Lacaille 4536.		
Mar. 24	M	151 2 29·05
Apr. 7	M	28·05
17	M	28·95
Lacaille 4542.		
Mar. 13	C	149 3 49·18
29	F	50·62
Apr. 14	C	51·02
Lacaille 4541.		
Mar. 15	M	145 6 53·22
Apr. 19	F	53·72
22	I	53·66
Lacaille 4556.		
Mar. 12	F	150 39 4·66
Apr. 12	I	4·76
21	C	4·91
Lacaille 4560.		
Mar. 16	I	151 48 52·17
20	F	50·94
Apr. 20	M	51·35
Lacaille 4573.		
Mar. 11	M	153 37 54·86
17	F	56·00
Apr. 7	M	54·92

R.A. $10^h.\ 57^m.$ to $11^h.\ 6^m.$

Day.	Observer.	° ′ ″
Lacaille 4574.		
Mar. 24	M	149 4 7·03
29	F	7·62
Apr. 14	C	8·08
*** R.A. $10^h.\ 57^m.\ 56^s.$**		
Apr. 20	M	150 9 8·40
May 5	M	7·83
11	M	8·65
Lacaille 4579.		
Mar. 15	M	150 14 16·53
19	C	17·54
Apr. 17	M	16·50
Lacaille 4585.		
Mar. 30	M	147 16 54·09
Apr. 24	C	54·23
29	C	55·18
*** R.A. $10^h.\ 59^m.\ 12^s.$**		
Mar. 12	F	149 11 41·20
May 13	C	40·95
*** R.A. $10^h.\ 59^m.\ 19^s.$**		
May 10	C	149 15 54·13
20	I	55·44
Lacaille 4592.		
Mar. 12	F	149 11 5 68
Apr. 22	I	5·54
May 13	C	5·68

Day.	Observer.	° ′ ″
Lacaille 4595.		
Mar. 13	C	149 2 22·26
20	F	22·54
29	F	21·81
Lacaille 4597.		
Mar. 25	I	153 56 30·25
Apr. 14	C	30·94
*** R.A. $10^h.\ 59^m.\ 54^s.$**		
Apr. 21	C	149 16 55·95
May 14	F	56·27
June 5	M	55·05
Lacaille 4602.		
Apr. 3	F	149 16 30·08
21	C	29·34
May 8	C	29·29
June 1	M	29·64
Lacaille 4604.		
Apr. 8	F	147 59 60·57
May 6	F	59·67
16	F	59·93
Lacaille 4612.		
Apr. 7	M	154 50 3·36
May 9	M	3·47
18	M	4·86
Lacaille 4611.		
Apr. 30	I	151 44 56·41
May 5	M	56·28
19	C	57·36

Day.	Observer.	° ′ ″
Lacaille 4613.		
Apr. 12	I	154 9 52·49
May 11	M	51·66
24	M	51·80
*** R.A. $11^h.\ 2^m.\ 52^s.$**		
Mar. 15	M	150 8 58·03
May 13	C	57·54
29	C	58·01
Lacaille 4627.		
Mar. 24	M	148 17 53·13
May 14	F	54·49
22	F	53·37
Lacaille 4626.		
Mar. 16	I	146 23 21·39
17	F	21·55
May 17	I	20·94
Lacaille 4629.		
Mar. 30	M	151 16 14·80
May 19	C	13·86
31	I	14·08
Lacaille 4631.		
Apr. 22	I	154 45 8·21
24	C	7·81
May 30	F	8·28
Lacaille 4648.		
Mar. 12	F	149 37 54·44
19	C	53·76
20	F	53·45

R.A. $11^h.\ 7^m.$ to $11^h.\ 13^m$

Day.	Observer.	° ′ ″
Lacaille 4652.		
Mar. 12	F	149 33 17·54
19	C	18·63
20	F	16·85
Lacaille 4657.		
Mar. 17	F	153 29 24·87
Apr. 7	M	24·44
Lacaille 4658.		
Mar. 25	I	146 22 17·99
Apr. 14	C	17·86
17	M	18·08
Lacaille 4661.		
Mar. 30	M	148 56 21·79
Apr. 15	I	21·17
May 5	M	21·03
*** R.A. $11^h.\ 8^m.\ 52^s.$**		
Apr. 21	C	148 33 36·93
Lacaille 4677.		
Mar. 15	M	146 40 26·16
Apr. 8	F	27·99
May 8	C	27·21
Lacaille 4695.		
Mar. 24	M	149 5 14·55
Apr. 16	I	14·19
20	M	14·05
May 11	M	14·44

Day.	Observer.	° ′ ″
*** R.A. $11^h.\ 11^m.\ 57^s.$**		
Apr. 24	C	148 25 22·79
29	C	23·12
May 10	C	22·29
Lacaille 4700.		
Apr. 7	M	152 47 37·56
12	I	37·48
May 13	C	37·42
Lacaille 4696.		
Mar. 17	F	148 31 30·97
May 5	M	30·84
14	F	31·64
Lacaille 4699.		
Mar. 17	F	148 33 13·52
Apr. 22	I	13·41
May 5	M	13·68
Lacaille 4712.		
Mar. 19	C	153 54 1·40
Apr. 8	F	2·36
14	C	1·96
Brisbane 3534.		
May 14	F	148 30 14·91
Lacaille 4726.		
Mar. 20	F	145 55 6·35
24	M	5·31
Apr. 3	F	6·19
May 11	M	5·41

Day.	Observer.	° ′ ″
*** R.A. $11^h.\ 16^m.\ 38^s.$**		
Apr. 15	F	147 41 58·09
20	M	57·08
24	C	56·78
*** R.A. $11^h.\ 16^m.\ 51^s.$**		
Apr. 29	C	146 5 44·04
May 8	C	43·01
10	C	43·58
Lacaille 4733.		
Mar. 17	F	147 37 48·03
May 6	F	47·28
13	C	47·13
Lacaille 4734.		
Mar. 30	M	146 5 38·22
Apr. 7	M	36·54
29	C	38·43
May 8	C	37·64
10	C	37·78
Lacaille 4737.		
Apr. 5	C	154 16 8·47
17	M	8·85
21	C	8·31
Brisbane 3561.		
May 13	C	147 34 50·00
Lacaille 4738.		
Mar. 25	I	154 39 23·47
Apr. 8	F	24·54
16	I	23·70

R.A. $11^h.\ 20^m.$ to $11^h.\ 32^m.$

Day.	Observer.	° ′ ″
Lacaille 4747.		
Mar. 19	C	153 16 59·02
Apr. 12	I	59·21
14	C	59·81
Lacaille 4751.		
Mar. 24	M	150 25 39·45
Apr. 15	F	41·26
20	M	39·50
Lacaille 4763.		
Mar. 20	F	152 51 56·29
Apr. 7	M	54·80
19	F	55·61
Lacaille 4771.		
Mar. 30	M	150 35 21·44
Apr. 8	F	20·86
14	C	21·27
Lacaille 4774.		
Mar. 17	F	148 45 8·95
Apr. 5	C	8·32
21	C	8·49
Lacaille 4775.		
Mar. 24	M	148 49 33·74
Apr. 3	F	34·78
5	C	32·77
Lacaille 4781.		
Mar. 19	C	149 1 39·78
Apr. 15	F	39·88
29	C	40·85

Day.	Observer.	° ′ ″
* R.A. $11^h.\ 28^m.\ 1^s.$		
May 6	F	150 11 43·84
30	F	44·01
Lacaille 4793.		
Mar. 25	I	154 43 8·71
Apr. 20	M	8·98
May 5	M	9·02
Lacaille 4797.		
Mar. 20	F	145 25 53·70
Apr. 22	I	53·79
May 11	M	52·92
Lacaille 4798.		
Mar. 30	M	150 12 10·41
May 6	F	9·35
13	C	10·33
Lacaille 4801.		
Apr. 7	M	150 35 47·46
8	F	48·00
14	C	48·99
Lacaille 4809.		
Apr. 19	F	150 53 13·02
May 10	C	12·36
14	F	13·08
Lacaille 4804.		
May 8	C	152 19 42·18
15	M	41·82
17	I	42·44

Day.	Observer.	° ′ ″
Lacaille 4810.		
Mar. 24	M	150 21 39·43
Apr. 21	C	42·13
May 19	C	40·63
Lacaille 4816.		
Mar. 19	C	150 35 30·52
Apr. 7	M	29·41
8	F	30·91
14	C	31·09
Lacaille 4817.		
Mar. 17	F	149 40 23·67
May 12	I	23·74
June 1	M	22·13
Lacaille 4820.		
Apr. 3	F	150 12 42·30
May 16	F	42·96
Lacaille 4821.		
Apr. 15	F	152 37 53·56
May 20	I	52·76
Lacaille 4834.		
May 13	C	151 8 5·72
30	F	5·42
June 9	F	6·64
Lacaille 4827.		
Apr. 24	C	152 30 18·03
May 22	F	17·64
June 7	C	16·98

R.A. $11^h.\ 32^m.$ to $11^h.\ 42^m.$

Day.	Observer.	° ′ ″
✱ R.A. $11^h.\ 32^m.\ 23^s.$		
June 17	C	152 41 56·35
25	F	55·32
Lacaille 4829.		
Apr. 20	M	152 40 50·53
May 24	M	49·95
June 6	F	50·68
8	M	51·00
17	C	51·18
✱ R.A. $11^h.\ 32^m.\ 58^s.$		
June 5	M	150 12 10·51
Lacaille 4832.		
Mar. 20	F	147 2 51·03
29	C	50·83
June 6	F	50·38
✱ R.A. $11^h.\ 33^m.\ 42^s.$		
May 6	F	151 6 26·89
13	C	26·36
June 14	I	25·86
Lacaille 4843.		
May 11	M	154 42 18·45
31	I	18·01
June 15	F	19·18
Lacaille 4844.		
Apr. 8	F	151 44 23·78
May 15	M	22·65
June 9	F	23·54

Day.	Observer.	° ′ ″
Lacaille 4848.		
May 14	F	151 52 31·48
19	C	31·89
June 8	M	31·19
16	M	31·21
Lacaille 4856.		
Apr. 19	F	151 23 50·14
May 8	C	49·43
June 7	C	49·47
✱ $6\frac{1}{2}$ mag. R.A. $11^h\ 35^m\ 7^s.$		
June 5	M	150 13 50·46
✱ R.A. $11^h\ 35^m\ 49^s.$		
May 10	C	147 53 34·06
16	F	34·43
Lacaille 4860.		
Mar. 30	M	149 32 15·52
Apr. 5	C	15·56
June 6	F	15·37
Lacaille 4861.		
May 29	C	146 52 19·46
30	F	19·11
June 1	M	19·49
Lacaille 4862.		
Apr. 21	C	152 26 56·80
24	C	56·37
June 5	M	55·24

Day.	Observer.	° ′ ″
Lacaille 4868.		
Apr. 3	F	151 47 45·31
20	M	44·94
May 20	I	45·22
Lacaille 4869.		
Apr. 14	C	152 11 3·96
15	F	4·00
May 6	F	3·63
Lacaille 4888.		
Apr. 7	M	151 23 7·77
May 8	C	6·58
14	F	6·83
Lacaille 4889.		
Apr. 22	I	154 4 18·26
May 11	M	18·36
17	I	17·87
✱ 7·8 mag. R.A. $11^h.\ 40^m.\ 49^s.$		
Apr. 8	F	150 20 49·00
29	C	48·28
May 15	M	48·38
Lacaille 4892.		
Apr. 5	C	147 0 10·25
21	C	9·52
24	C	10·09
June 6	F	10·04
Lacaille 4897.		
Apr. 3	F	147 31 33·49
May 12	I	32·81
13	C	32·33
18	M	32·38

R.A. $11^h.\ 43^m.$ to $11^h.\ 51^m.$

Day.	Observer.	° ′ ″
Lacaille 4901.		
Apr. 5	C	146 59 48·65
21	C	48·45
24	C	47·95
Lacaille 4903.		
Apr. 20	M	153 5 36·75
May 8	C	36·22
19	C	37·43
Lacaille 4908.		
May 5	M	151 57 15·70
15	M	14·61
22	F	15·66
Lacaille 4914.		
Apr. 7	M	151 9 4·24
May 14	F	4·67
24	M	4·20
Lacaille 4919.		
Apr. 16	I	153 54 2·26
May 11	M	1·12
29	C	0·80
Lacaille 4920.		
Apr. 29	C	154 30 37·27
May 18	M	37·42
June 6	F	37·54
Lacaille 4922.		
Apr. 8	F	146 17 37·98
14	C	38·05
24	C	36·07
Lacaille 4924.		
Apr. 15	F	151 32 23·55
May 13	C	23·05
30	F	22·86
Lacaille 4927.		
Mar. 25	I	154 42 32·01
May 20	I	33·15
31	I	32·55
Lacaille 4929.		
Mar. 30	M	154 35 38·57
Apr. 20	M	38·36
22	I	39·27
June 5	M	39·03
Lacaille 4931.		
Apr. 3	F	146 42 53·07
May 22	F	52·64
June 6	F	52·16
Lacaille 4934.		
Apr. 8	F	146 16 27·90
14	C	27·89
24	C	26·00
Lacaille 4936.		
Apr. 19	F	145 23 38·58
May 17	I	38·05
24	M	37·54
✱ R.A. $11^h.\ 48^m.\ 46^s.$		
Apr. 21	C	151 52 55·81
Lacaille 4937.		
May 6	F	152 35 1·03
19	C	1·18
June 7	C	0·09
Lacaille 4938.		
Apr. 21	C	151 52 54·66
May 14	F	55·20
June 8	M	55·23
Lacaille 4946.		
Apr. 7	M	152 33 12·13
May 12	I	11·11
15	M	10·75
June 1	M	11·49
Lacaille 4951.		
Apr. 17	M	151 45 9·85
May 18	M	10·17
June 5	M	8·61
Lacaille 4952.		
Apr. 29	C	149 45 20·54
May 5	M	w=½ 18·39
30	F	20·33
Lacaille 4954.		
Apr. 15	F	146 10 9·77
May 10	C	8·80
June 9	F	9·39
Lacaille 4956.		
Apr. 16	I	154 37 34·95
May 29	C	35·72
June 6	F	35·00

R.A. 11h. 51m. to 11h. 58m.

Day.	Observer.	° ′ ″
Lacaille 4959.		
Apr. 5	C	145 37 16·88
14	C	17·89
June 10	C	17·76
Lacaille 4960.		
May 8	C	149 3 32·41
13	C	33·72
June 7	C	33·26
Lacaille 4963.		
Apr. 20	M	153 38 36·89
May 22	F	37·60
24	M	37·80
Lacaille 4969.		
Mar. 30	M	146 28 17·54
May 6	F	18·95
20	I	18·43
June 5	M	18·16
Lacaille 4972.		
May 11	M	152 8 6·44
14	F	6·05
19	C	6·09
*** R.A. 11h. 53m. 29s.**		
May 14	F	152 8 8·59
19	C	8·27
Lacaille 4973.		
Apr. 3	F	145 35 50·02
5	C	49·86
14	C	50·75

Day.	Observer.	° ′ ″
Lacaille 4977.		
Apr. 8	F	146 48 26·53
19	F	27·41
May 15	M	25·78
Lacaille 4982.		
Apr. 17	M	151 43 2·93
May 18	M	2·45
June 1	M	2·07
Lacaille 4983.		
Apr. 21	C	145 51 51·94
May 30	F	53·26
June 5	M	52·27
Lacaille 4986.		
May 5	M	151 28 44·49
29	C	43·94
June 6	F	45·52
Lacaille 4987.		
May 6	F	146 33 50·90
24	M	51·03
June 8	M	52·03
Lacaille 4990.		
June 16	M	152 37 1·20
Lacaille 4998.		
Apr. 3	F	146 40 5·80
May 22	F	6·03
June 9	F	4·93

Day.	Observer.	° ′ ″
Lacaille 4999.		
Apr. 29	C	152 28 11·13
May 10	C	12·92
June 10	C	10·99
Lacaille 5001.		
Apr. 20	M	148 33 25·04
May 20	I	25·92
June 5	M	24·81
Lacaille 5002.		
Apr. 22	I	151 18 3·61
May 19	C	3·87
June 17	C	3·30
*** R.A. 11h. 58m. 22s.**		
May 19	C	151 18 23·37
June 17	C	22·38
Lacaille 5003.		
Apr. 24	C	150 16 18·09
May 8	C	18·29
June 6	F	19·30
Lacaille 5006.		
May 11	M	150 28 59·23
June 7	C	58·02
14	I	58·71
Lacaille 5009.		
May 13	C	152 16 47·36
31	I	47·67
June 15	F	48·17

R.A. $11^h.\ 59^m.$ to $12^h.\ 14^m.$

Day.	Observer.	° ′ ″
Lacaille 5010.		
May 15	M	153 34 38·63
30	F	40·42
June 9	F	39·38
Lacaille 5023.		
Apr. 7	M	153 54 58·42
May 5	M	58·65
June 10	C	59·74
Lacaille 5026.		
Apr. 19	F	153 59 10·40
May 12	I	9·15
18	M	10·03
June 6	F	9·79
Lacaille 5032.		
Apr. 17	M	150 9 5·09
May 29	C	5·55
June 1	M	4·02
Lacaille 5039.		
Apr. 21	C	149 4 24·34
May 24	M	25·36
June 5	M	24·14
Lacaille 5046.		
Apr. 20	M	145 44 46·82
29	C	46·94
May 11	M	45·37
Lacaille 5051.		
May 10	C	150 34 51·98
15	M	52·58
June 6	F	51·50

Day.	Observer.	° ′ ″
Lacaille 5050.		
Apr. 29	C	145 42 19·79
May 11	M	19·04
30	F	19·58
Lacaille 5056.		
Apr. 24	C	153 48 52·85
May 19	C	53·26
June 5	M	52·86
Lacaille 5057.		
Apr. 14	C	152 15 18·90
May 17	I	19·23
18	M	19·26
Lacaille 5058.		
Apr. 7	M	149 22 20·24
May 14	F	20·13
31	I	21·02
Lacaille 5061.		
Apr. 3	F	149 20 42·67
15	F	41·43
17	M	42·26
Lacaille 5070.		
Apr. 8	F	153 42 48·05
19	F	48·28
May 24	M	47·56
Brisbane 3962.		
June 14	I	177 43 12·75

Day.	Observer.	° ′ ″
Lacaille 5075.		
Apr. 5	C	148 3 12·91
May 20	I	11·92
29	C	12·00
Lacaille 5082.		
Apr. 20	M	152 30 11·34
21	C	11·21
May 14	F	12·78
Lacaille 5087.		
Apr. 3	F	147 9 19·79
22	I	21·12
May 11	M	19·65
Lacaille 5090.		
Apr. 17	M	153 18 28·57
May 5	M	29·31
13	C	29·25
Lacaille 5094.		
Apr. 14	C	152 9 36·83
24	C	35·67
29	C	36·85
Lacaille 5108.		
Apr. 5	C	151 35 16·36
May 8	C	15·65
24	M	16·02
Lacaille 5110.		
May 10	C	149 42 36·51
29	C	36·56
June 1	M	36·89

R.A. 12h. 15m. to 12h. 24m.

Day.	Observer.	° ′ ″
Lacaille 5115.		
May 6	F	146 21 19·21
14	F	20·07
30	F	19·42
Lacaille 5116.		
May 11	M	145 40 50·18
19	C	50·87
31	I	49·68
Lacaille 5120.		
May 15	M	146 58 56·51
22	F	55·96
June 5	M	55·21
Lacaille 5136.		
May 13	C	154 31 4·05
20	I	4·66
29	C	3·04
Lacaille 5147.		
Apr. 24	C	152 25 44·59
29	C	45·26
May 10	C	45·18
Lacaille 5148.		
Apr. 24	C	152 24 20·62
29	C	21·82
May 10	C	21·32
*** R.A. 12h. 19m. 40s.**		
Apr. 29	C	152 24 24·74
May 10	C	24·60

Day.	Observer.	° ′ ″
Lacaille 5152.		
May 5	M	153 5 46·14
19	C	47·14
June 5	M	46·00
Lacaille 5155.		
May 8	C	145 2 33·17
14	F	32·89
June 6	F	34·04
Lacaille 5157.		
May 6	F	148 17 58·70
22	F	59·21
June 10	C	59·10
Lacaille 5156.		
May 11	M	147 37 29·43
24	M	28·57
June 7	C	27·55
Lacaille 5161.		
May 13	C	151 4 6·54
29	C	5·63
June 1	M	6·02
Lacaille 5160.		
May 15	M	153 38 54·29
June 15	F	55·05
25	F	55·39
Lacaille 5163.		
May 13	C	151 6 9·85
29	C	7·95
June 1	M	10·15

Day.	Observer.	° ′ ″
Lacaille 5175.		
June 6	F	145 42 29·76
25	F	29·65
26	M	29·24
28	M	28·75
Lacaille 5165.		
May 18	M	151 10 44·77
June 14	I	44·09
16	M	44·44
Lacaille 5178.		
June 10	C	145 50 4·29
21	C	2·90
28	M	2·41
Lacaille 5169.		
May 30	F	145 22 45·50
June 5	M	45·25
30	F	45·33
Lacaille 5172.		
May 31	I	150 17 54·59
June 29	C	55·65
July 1	M	55·14
*** R.A. 12h. 24m. 9s.**		
June 5	M	145 22 33·61
30	F	32·75
Lacaille 5180.		
June 9	F	146 24 47·80
11	I	48·21
24	C	46·80

R.A. $12^h.\ 24^m.$ to $12^h.\ 40^m.$

Day.	Observer.	° ′ ″
Brisbane 4081.		
June 24	C	146 23 23·68
Lacaille 5185.		
May 14	F	148 43 58·92
24	M	59·37
June 15	F	58·58
Lacaille 5186.		
May 20	I	152 48 57·00
22	F	55·83
June 7	C	55·09
Lacaille 5190.		
May 6	F	145 26 21·33
19	C	20·80
June 6	F	20·78
Lacaille 5201.		
May 11	M	145 52 49·23
15	M	48·77
18	M	49·09
*** R.A. $12^h.\ 27^m.\ 4^s.$**		
June 5	M	145 26 17·83
6	F	18·04
Lacaille 5208.		
May 13	C	151 3 3·57
14	F	2·69
June 29	C	3·62
Lacaille 5209.		
May 10	C	151 8 58·75
24	M	58·94
29	C	58·64
30	F	58·73
Lacaille 5223.		
Apr. 14	C	145 14 33·31
21	C	35·05
24	C	33·18
Brisbane 4091.		
Apr. 2	M	179 6 46·15
7	M	46·01
20	M	45·35
Lacaille 5237.		
Apr. 15	F	154 2 31·76
29	C	32·80
May 15	M	31·77
Lacaille 5241.		
Apr. 17	M	148 59 58·29
May 6	F	57·90
18	M	58·25
Lacaille 5245.		
Apr. 19	F	150 19 56·56
May 8	C	55·75
19	C	54·55
29	C	53·03
Lacaille 5247.		
May 10	C	152 22 21·04
14	F	21·63
June 1	M	21·14
Lacaille 5249.		
Apr. 14	C	145 15 38·44
21	C	38·23
24	C	38·07
Lacaille 5251.		
May 11	M	145 29 24·22
24	M	24·28
June 10	C	24·28
Lacaille 5253.		
May 13	C	148 13 2·14
20	I	1·68
June 14	I	1·84
Lacaille 5259.		
May 17	I	146 36 5·00
June 5	M	4·67
15	F	5·01
Lacaille 5264.		
Apr. 21	C	149 23 28·13
May 31	I	29·43
June 7	C	26·67
Lacaille 5265.		
Apr. 17	M	150 17 40·50
May 8	C	40·05
29	C	38·87
Lacaille 5273.		
May 15	M	145 48 15·29
June 5	M	13·87
24	C	16·18
*** R.A. $12^h\ 39^m\ 13^s.$**		
June 24	C	145 49 7·50
Lacaille 5274.		
Apr. 21	C	149 23 50·65
24	C	49·88
June 7	C	50·43

1[illegible] 12h. 42m. to 12h. 5m.

Day.	Observer.	α	δ
Lacaille [illegible]			
[illegible]	F	[illegible]	[illegible]
May 24	C		[illegible]
June 21	M		[illegible]
Lacaille [illegible]			
May 21	M	145	[illegible]
June 21	C		[illegible]
Lacaille [illegible]			
May 10	C	154	54 [illegible]
24	M		[illegible]
June 15	F		[illegible]
Lacaille 5268.			
May 22	F	174	26 37·02
Lacaille 5286.			
May 11	M	151	57 36·51
13	C		36·64
June 5	M		36·62
Lacaille 5288.			
Apr. 29	C	149	43 6·94
May 8	C		5·98
June 14	I		7·38
Lacaille 5293.			
Apr. 15	F	149	38 58·54
19	F		55·93
29	C		55·67
May 8	C		55·31
Lacaille [illegible]			
[illegible]	F	144	[illegible]
21	F		[illegible]
22	C		[illegible]
May 1	C		54·93
Lacaille [illegible].			
Apr. 25	C	144	42 11·55
May 13	C		11·71
June 15	F		12·54
Lacaille 5309.			
Apr. 24	C	149	41 46·58
29	C		45·34
May 8	C		47·05
Lacaille 5314.			
May 10	C	147	45 5·41
20	I		5·76
June 7	C		4·42
Lacaille 5316.			
May 18	M	148	28 2·11
24	M		1·54
June 16	M		1·92
Lacaille 5317.			
May 11	M	146	29 55·27
13	C		54·96
29	C		54·61
Brisbane 4238.			
May 11	M	146	29 21·08
13	C		22·20
29	C		21·26
Lacaille 5321.			
May 17	I	146	9 28·42
June 5	M		27·21
11	I		28·13
21	C		27·97
Lacaille 5328.			
Apr. 14	C	145	3 53·88
June 7	C		53·33
14	I		54·59
Lacaille 5350.			
May 15	M	149	42 0·45
24	M		1·28
31	I		1·45
Lacaille 5325.			
June 24	C	176	53 11·46
25	F		11·52
Lacaille 5354.			
May 10	C	149	59 49·67
19	C		50·29
29	C		49·47
Lacaille 5366.			
Apr. 14	C	145	58 20·95
May 8	C		21·27
June 5	M		19·69
Lacaille 5372.			
Apr. 20	M	153	46 9·61
May 15	M		9·62

R.A. 12^h. 57^m. to 13^h. 8^m.

Day.	Observer.	° ′ ″
Lacaille 5377.		
Apr. 29	C	146 23 2·34
May 14	F	1·56
June 15	F	2·19
Lacaille 5386.		
Apr. 21	C	148 46 24·21
May 24	M	23·19
June 16	M	23·74
Lacaille 5391.		
May 11	M	148 8 7·98
13	C	8·05
June 14	I	7·67
21	C	8·47
Lacaille 5392.		
Apr. 24	C	149 11 25·47
June 5	M	26·06
24	C	25·74
Lacaille 5394.		
June 25	F	154 38 12·62
* R.A. 13^h. 0^m. 5^s.		
June 25	F	154 38 18·08
Lacaille 5401.		
May 10	C	146 0 53·81
June 11	I	53·70
29	C	54·01
Lacaille 5402.		
May 29	C	145 42 56·70
June 5	M	56·29
15	F	56·50

Day.	Observer.	° ′ ″
Lacaille 5411.		
May 8	C	152 38 13·81
19	C	12·79
June 5	M	11·43
Lacaille 5415.		
Apr. 19	F	146 14 36·36
29	C	36·06
May 14	F	35·79
June 16	M	35·47
Lacaille 5414.		
Apr. 23	M	150 27 5·13
May 24	M	5·94
June 30	F	6·28
Lacaille 5419.		
June 25	F	146 17 29·87
26	M	30·01
28	M	29·82
Lacaille 5418.		
May 17	I	149 15 16·89
June 21	C	17·03
29	C	17·10
Lacaille 5423.		
May 15	M	150 52 46·15
June 7	C	46·86
24	C	46·99
Lacaille 5425.		
May 10	C	149 8 55·95
June 5	M	51·37
15	F	53·54

Day.	Observer.	° ′ ″
Lacaille 5431.		
May 13	C	151 59 24·30
29	C	24·00
June 14	I	24·15
July 1	M	23·94
3	C	25·59
Lacaille 5436.		
May 20	I	148 1 11·43
July 2	I	13·39
6	M	12·02
Lacaille 5437.		
Apr. 21	C	148 26 3·62
June 29	C	4·89
July 7	C	4·70
Lacaille 5434.		
June 30	F	152 55 3·85
July 5	F	4·44
Lacaille 5446.		
May 31	I	146 35 46·82
June 5	M	44·04
26	M	46·91
Lacaille 5453.		
May 14	F	146 23 59·19
June 11	I	58·92
25	F	59·75
Lacaille 5449.		
May 24	M	154 28 29·61
June 16	M	30·09
24	C	29·65

R.A. $13^h.\ 10^m.$ to $13^h.\ 23^m.$

Day.	Observer.	° ′ ″
Lacaille 5461.		
Apr. 23	M	152 47 21·11
May 19	C	20·57
June 5	M	20·07
Lacaille 5465.		
Apr. 19	F	146 38 27·41
June 7	C	25·12
15	F	26·08
Lacaille 5476.		
May 8	C	151 52 6·14
13	C	6·89
June 21	C	7·28
Lacaille 5479.		
May 10	C	149 6 53·00
29	C	52·24
June 5	M	53·49
Lacaille 5483.		
May 14	F	145 8 37·02
15	M	37·14
June 24	C	37·65
Lacaille 5488.		
May 24	M	149 31 44·77
June 5	M	42·51
16	M	43·40
Lacaille 5490.		
Apr. 21	C	150 18 57·39
24	C	57·96
May 19	C	59·04
Lacaille 5492.		
Apr. 21	C	150 19 55·79
24	C	56·20
May 19	C	55·87
*** R.A. $13^h.\ 15^m.\ 14^s.$**		
June 7	C	149 34 19·11
*** R.A. $13^h.\ 15^m.\ 15^s.$**		
June 7	C	149 36 31·06
Lacaille 5500.		
Apr. 19	F	153 52 50·74
23	M	50·77
29	C	50·12
Lacaille 5509.		
Apr. 23	M	153 49 52·10
29	C	53·47
May 14	F	53·32
Lacaille 5538.		
May 8	C	146 22 42·31
June 5	M	41·81
15	F	41·88
Lacaille 5540.		
May 13	C	148 52 53·18
15	M	53·16
June 21	C	55·08
Lacaille 5547.		
May 17	I	145 7 46·84
June 11	I	47·42
25	F	47·26
29	C	46·78
Lacaille 5545.		
May 24	M	151 27 10·87
June 14	I	10·99
30	F	11·91
Lacaille 5542.		
May 29	C	154 1 36·77
June 24	C	35·54
July 3	C	36·92
Lacaille 5544.		
May 6	F	153 13 30·84
June 16	M	30·15
26	M	30·77
28	M	30·90
Lacaille 5554.		
Apr. 19	F	146 1 37·08
July 6	M	35·76
Lacaille 5555.		
Apr. 24	C	148 0 59·72
June 18	I	60·15
July 7	C	61·64
Lacaille 5561.		
May 14	F	150 56 10·82
June 5	M	10·25
Lacaille 5560.		
May 19	C	154 40 32·07
July 2	I	33·08
3	C	32·59

R.A. $13^h.\ 23^m.$ to $13^h.\ 35^m.$

Day.	Observer.	° ′ ″
* R.A. $13^h\ 23^m\ 38^s$.		
June 21	C	152 23 31·48
29	C	30·80
30	F	30·89
Lacaille 5562.		
June 21	C	152 23 47·56
29	C	46·19
30	F	47·31
Lacaille 5564.		
May 29	C	151 41 55·76
June 5	M	57·53
15	F	55·80
Lacaille 5566.		
June 25	F	154 59 17·74
Lacaille 5575.		
May 13	C	148 51 48·82
15	M	47·83
June 16	M	48·46
Lacaille 5576.		
May 8	C	151 59 16·72
20	I	16·13
June 26	M	16·89
Lacaille 5579.		
Apr. 29	C	154 30 37·11
June 5	M	34·54
28	M	37·14
Lacaille 5585.		
May 6	F	146 38 58·08
June 7	C	56·15
July 3	C	58·00
Lacaille 5586.		
May 18	M	151 42 16·39
July 1	M	15·77
2	I	17·82
6	M	16·80
* 7 mag. R.A. $13^h.\ 28^m.\ 28^s$.		
June 5	M	147 51 28·20
Lacaille 5588.		
June 14	I	154 17 46·06
29	C	47·66
30	F	46·12
Lacaille 5589.		
May 14	F	151 2 54·20
June 25	F	55·14
July 5	F	53·88
Lacaille 5596.		
Apr. 24	C	147 46 30·77
May 19	C	30·78
June 15	F	31·68
Lacaille 5605.		
May 29	C	146 59 6·16
June 21	M	6·78
26	M	7·01
July 3	C	6·88
Lacaille 5609.		
Apr. 23	M	153 56 24·97
June 16	M	25·26
28	M	24·89
Lacaille 5627.		
Apr. 29	C	148 9 12·72
May 6	F	11·73
June 5	M	11·40
Lacaille 5629.		
May 10	C	151 6 17·61
13	C	17·54
June 7	C	16·00
Lacaille 5631.		
May 14	F	151 15 33·21
20	I	33·29
June 25	F	32·63
Lacaille 5637.		
May 10	C	151 4 36·60
13	C	36·73
June 7	C	35·83
Lacaille 5640.		
May 17	I	146 8 8·48
June 5	M	6·81
15	F	8·17
Lacaille 5644.		
May 18	M	148 36 16·17
19	C	15·81
29	C	16·25

R.A. $13^h.\ 35^m.$ to $13^h.\ 5^m.$

Day.	Observer.	° ′ ″
✱ R.A. $13^h.\ 35^m.\ 40^s.$		
May 18	M	148 36 16·17
19	C	15·81
29	C	16·25
Lacaille 5657.		
June 5	M	151 49 22·98
11	I	24·62
26	M	23·60
Lacaille 5659.		
June 21	C	152 16 54·21
25	F	53·77
28	M	52·89
29	C	54·00
Lacaille 5660.		
June 14	I	151 57 45·20
18	I	43·89
30	I	44·89
Lacaille 5669.		
Apr. 23	M	146 8 53·71
June 5	M	53·17
15	F	53·27
Lacaille 5673.		
May 6	F	148 52 11·14
19	C	11·21
June 7	C	9·57
Lacaille 5716.		
May 6	F	145 7 15·47
14	F	14·86
29	C	14·81

Day.	Observer.	° ′ ″
Lacaille 5715.		
Apr. 23	M	151 44 36·28
May 10	C	35·57
13	C	37·51
19	C	35·18
✱ R.A. $13^h.\ 46^m.\ 58^s.$		
Apr. 23	M	151 45 43·05
May 10	C	42·68
13	C	42·42
19	C	41·56
Lacaille 5730.		
May 17	I	145 20 16·21
20	I	15·38
June 25	F	16·63
Lacaille 5734.		
May 18	M	151 52 23·93
June 14	I	24·53
29	C	24·39
Lacaille 5733.		
June 7	C	153 4 19·67
18	I	21·43
30	F	22·22
Lacaille 5750.		
June 11	I	145 25 28·11
26	M	27·21
28	M	26·64
✱ R.A. $13^h.\ 50^m.\ 51^s.$		
May 14	F	150 46 15·08

Day.	Observer.	° ′ ″
Lacaille 5762.		
Apr. 23	M	152 10 20·95
29	C	21·41
May 10	C	21·02
13	C	22·76
✱ R.A. $13^h.\ 51^m.\ 11^s.$		
Apr. 23	M	152 10 23·99
May 13	C	25·64
Lacaille 5766.		
May 6	F	150 52 14·84
29	C	14·73
Lacaille 5776.		
May 18	M	146 37 16·51
June 21	C	17·74
25	F	16·43
Lacaille 5786.		
May 17	I	145 36 31·07
June 7	C	30·74
26	M	31·93
Lacaille 5784.		
June 15	F	149 46 7·24
29	C	6·83
July 3	C	6·70
5	F	6·25
Oct. 27	F	7·06
Nov. 5	M	6·03
Lacaille 5796.		
May 6	F	149 6 58·51
June 18	I	56·93
30	F	58·54

R.A. $13^h.\ 57^m.$ to $14^h.\ 13^m.$

Day.	Observer.	° ′ ″
Lacaille 5795.		
May 19	C	151 46 28·00
June 25	F	29·32
July 2	I	29·74
Lacaille 5794.		
May 29	C	152 50 45·33
June 28	M	46·15
July 5	F	47·26
Brisbane 4614.		
July 7	C	178 48 6·55
Lacaille 5803.		
June 11	I	152 36 43·83
21	C	42·93
July 3	C	44·16
Lacaille 5807.		
June 7	C	146 17 35·86
14	I	36·14
26	M	36·24
Lacaille 5815.		
May 14	F	148 40 49·20
June 25	F	49·61
29	C	48·90
Lacaille 5829.		
Apr. 23	M	151 26 4·94
May 10	C	4·23
June 28	M	5·49
Lacaille 5834.		
May 6	F	147 43 42·21
14	F	42·11
June 15	F	43·13
Lacaille 5844.		
May 18	M	151 7 12·76
29	C	12·54
June 25	F	13·22
Lacaille 5845.		
May 13	C	151 19 52·79
June 7	C	51·53
26	M	51·96
Lacaille 5850.		
May 19	C	146 29 56·72
June 21	C	58·23
28	M	57·50
Lacaille 5859.		
May 17	I	146 42 49·42
June 14	I	49·11
30	F	48·71
Lacaille 5861.		
June 11	I	147 16 13·58
29	C	14·90
July 3	C	14·05
Lacaille 5868.		
June 18	I	145 10 58·75
July 1	M	57·84
5	F	59·25
Lacaille 5870.		
May 14	F	148 6 23·00
June 25	F	22·93
July 6	M	22·99
Lacaille 5871.		
June 7	C	148 46 18·03
26	M	18·21
July 2	I	18·76
5	F	18·47
Lacaille 5875.		
May 19	C	150 41 28·93
June 28	M	29·52
July 3	C	29·81
Lacaille 5879.		
May 6	F	145 48 33·34
10	C	33·06
June 15	F	33·80
July 1	M	33·61
Lacaille 5888.		
May 18	M	147 43 0·10
June 14	I	1·50
30	F	0·66
Lacaille 5893.		
May 13	C	147 53 10·95
29	C	10·18
June 18	I	11·55
29	C	11·88
∗ R.A. $14^h\ 13^m\ 41^s$.		
May 29	C	147 53 18·23
June 29	C	20·14

R.A. 14h. 1m. = 14h. 31m.

Day.	Observer.	° ′ ″
Lacaille 5922.		
May 6	F	118 40 1·31
24	M	1·61
June 7	C	16·33
Lacaille 5931.		
May 18	M	148 38 3·61
29	C	2·60
June 7	C	3·01
14	I	4·85
Lacaille 5940.		
May 6	F	145 34 29·84
19	C	28·06
June 15	F	28·79
Lacaille 5946.		
May 6	F	145 34 12·89
10	C	13·47
June 15	F	12·70
Lacaille 5954.		
May 14	F	146 19 54·27
June 11	I	54·81
21	C	54·47
Lacaille 5973.		
May 24	M	149 27 49·54
June 26	M	49·44
30	F	49·31
Lacaille 5970.		
June 14	I	153 27 53·59
18	I	51·96
July 1	M	51·77

Day.	Observer.	° ′ ″
Lacaille 5974.		
June 7	C	126 0 39·69
25	F	40·66
25	C	40·46
Lacaille 5981.		
May 15	C	151 27 45·41
June 28	M	46·38
July 3	C	48·25
Z Octantis.		
July 5	F	177 37 57·11
16	F	58·07
17	C	55·90
20	C	57·28
23	C	57·96
27	M	57·05
28	F	58·47
29	M	57·95
30	M	57·25
31	F	57·46
Aug. 3	M	57·45
Z Octantis S.P.		
July 17	F	177 37 58·01
19	M	55·63
20	F	58·20
23	F	w=½ 60·98
24	M	59·49
25	C	55·66
27	M	57·20
28	F	54·93
30	M	55·56
31	M	55·57
Nov. 23	F	55·99
27	F	55·67
Dec. 13	M	54·91
14	S	55·77
27	M	56·64
28	F	55·57

Day.	Observer.	° ′ ″
Lacaille 5997.		
May 18	M	148 35 35·55
29	C	35·03
June 30	F	36·71
Lacaille 6004.		
May 24	M	145 57 17·25
June 26	M	17·37
July 5	F	17·25
6	M	17·08
Lacaille 6017.		
May 14	F	150 19 7·99
July 17	C	7·70
20	C	7·42
23	C	7·30
Oct. 6	M	6·96
27	M	6·06
28	F	7·23
30	M	6·60
Nov. 1	M	7·10
3	F	6·37
9	F	6·10
17	M	6·88
Lacaille 6014.		
May 14	F	150 19 2·47
July 17	C	2·97
20	C	2·68
23	C	2·27
Oct. 28	F	2·31
Nov. 3	F	2·56
9	F	2·39
Lacaille 6013.		
June 7	C	145 53 57·66
25	F	59·77
July 7	C	59·66

On July 23 and 24 the difference between the interior and exterior thermometers was 12° at the times of observation, and on July 23 the definition was exceedingly bad.

R.A. $14^h.\ 32^m.$ to $14^h.\ 43^m.$

Day.	Observer.	° ′ ″
* R.A. $14^h.\ 32^m.\ 23^s.$		
July 28	F	154 25 51·84
Lacaille 6012.		
June 28	M	154 25 43·70
July 21	M	44·88
28	F	43·97
Lacaille 6021.		
June 11	I	148 4 34·65
July 2	I	34·46
24	M	33·93
Lacaille 6024.		
June 18	I	147 49 17·32
July 10	M	17·63
26	I	18·00
Lacaille 6023.		
July 1	M	151 40 11·66
15	I	11·28
25	F	11·30
Lacaille 6025.		
July 3	C	152 25 49·62
16	F	50·18
19	F	48·38
Lacaille 6029.		
May 19	C	147 32 58·29
June 21	C	59·22
July 5	F	58·27
7	C	59·71
Lacaille 6039.		
May 14	F	152 20 25·26
18	M	24·85
June 25	F	24·99
Lacaille 6057.		
May 24	M	145 4 10·38
29	C	9·48
June 28	M	9·65
29	C	10·94
* R.A. $14^h.\ 36^m.\ 18^s.$		
May 29	C	145 4 28·68
June 29	C	30·17
Lacaille 6058.		
July 3	C	158 24 37·98
6	M	38·44
7	C	38·92
Lacaille 6081.		
May 19	C	147 35 40·47
June 21	C	41·35
July 5	F	42·12
17	C	40·93
Lacaille {6078. 6079.}		
June 11	I	148 52 58·03
14	I	57·58
30	F	57·57
July 1	M	56·29
16	F	57·96
21	M	59·20
Lacaille 6082.		
June 25	F	146 8 22·72
July 10	M	22·38
23	C	21·94
Lacaille 6083.		
June 29	C	148 36 23·63
July 15	I	23·23
19	F	23·71
Lacaille 6080.		
June 28	M	151 48 26·58
July 2	I	27·94
24	M	27·39
Lacaille 6091.		
June 7	C	150 24 51·60
July 17	C	52·01
23	C	53·06
Lacaille 6094.		
May 24	M	148 58 59·16
July 6	M	59·85
7	C	60·53
Lacaille 6095.		
May 19	C	153 17 27·50
June 21	C	29·24
July 3	C	29·03
Lacaille 6019.		
July 26	I	172 25 38·48
27	M	37·19

[illegible]

Day.	Observer.	α	δ
[illegible]			
[illegible] 21	F	[illegible] 21	[illegible]
22	C		[illegible]
23	C		[illegible]
25	F		[illegible]
[illegible]			
May 23	C	[illegible] 22	[illegible]
June 25	F		[illegible]
July 5	F		[illegible]
22	M		[illegible]
Lacaille 6119.			
May 14	F	149 35	56·06
June 30	F		55·35
July 17	C		54·24
Lacaille 6122.			
May 18	M	150 23	41·16
July 1	M		40·69
7	C		41·28
Lacaille 6123.			
June 14	I	151 51	15·32
29	C		16·25
July 3	C		15·80
Lacaille 6122.			
June 28	M	152 16	16·49
July 2	I		15·73
6	M		16·20
Lacaille 6131.			
May 19	C	154 29	49·61
June 11	I		49·10
21	C		49·04
Lacaille [illegible]			
May 24	M	[illegible] 4	[illegible]
June 28	I		[illegible]
28	M		[illegible]
Lacaille [illegible]			
May 24	M	[illegible] 28	[illegible]
June 22	F		[illegible]
30	F		[illegible]
Lacaille 6186.			
May 29	C	145 45	40·82
June 7	C		40·34
July 1	M		41·65
Lacaille 6182.			
May 19	C	153 32	18·38
July 2	I		19·09
3	C		18·47
Lacaille 6188.			
June 18	I	146 25	25·38
21	C		27·32
July 6	M		26·92
Lacaille 6187.			
June 28	M	147 12	19·15
30	F		19·26
July 5	F		19·76
Lacaille 6192.			
May 24	M	154 47	19·61
June 29	C		19·49
July 7	C		19·62
10	M		19·47
Lacaille 6202.			
May 29	C	146 57	6·43
June 21	I		8·19
July 26	F		5·99
Lacaille 6200.			
June 7	C	150 38	32·07
25	F		33·35
July 29	F		33·83
Lacaille 6206.			
July 5	F	151 8	57·64
15	I		58·38
20	C		57·79
Lacaille 6208.			
July 1	M	151 24	12·80
12	C		13·00
21	M		13·62
Lacaille 6207.			
May 28	M	153 9	33·51
July 3	C		33·49
23	C		32·54
Lacaille 6214.			
June 28	M	148 39	29·86
July 2	I		30·82
6	M		30·35
Lacaille 6223.			
May 19	C	150 56	31·18
June 21	C		31·98
July 7	C		32·25
10	M		32·18

R.A. $15^h.\ 2^m.$ to $15^h.\ 17^m.$

Day.	Observer.	° ′ ″
Lacaille 6230.		
June 18	I	152 33 21·76
29	C	21·51
July 1	M	20·63
Lacaille 6238.		
May 24	M	151 16 8·13
29	C	6·06
June 25	F	7·63
Lacaille 6241.		
May 18	M	150 52 10·36
June 7	C	8·58
28	M	10·22
Lacaille 6256.		
May 29	C	151 53 43·94
June 11	I	43·63
30	F	44·22
Lacaille 6259.		
June 21	C	150 26 14·93
29	C	13·77
July 3	C	12·53
Lacaille 6262.		
June 21	C	150 29 29·29
29	C	27·99
Lacaille 6260.		
July 2	I	153 8 45·98
5	F	45·88
6	M	45·53

Day.	Observer.	° ′ ″
Lacaille 6266.		
June 25	F	148 19 56·34
July 7	C	56·23
10	M	55·88
17	C	55·96
Lacaille 6272.		
June 28	M	150 2 2·49
July 16	F	4·80
19	F	4·70
Lacaille 6294.		
June 29	C	146 56 19·20
July 5	F	20·25
23	C	18·82
Lacaille 6292.		
June 30	F	149 5 9·87
July 15	I	8·81
20	C	9·61
Lacaille 6298.		
June 25	F	145 40 32·38
July 21	M	30·56
24	M	32·10
✱ R.A. $15^h.\ 11^m.\ 26^s.$		
May 29	C	146 41 33·35
Lacaille 6306.		
May 29	C	146 41 28·61
July 3	C	27·36
23	C	27·36

Day.	Observer.	° ′ ″
Lacaille 6307.		
July 1	M	148 41 36·69
6	M	37·05
10	M	37·46
✱ R.A. $15^h.\ 12^m.\ 49^s.$		
July 10	M	148 41 24·50
Lacaille 6309.		
June 18	I	150 12 15·72
July 16	F	16·67
19	F	16·41
Lacaille 6312.		
June 28	M	148 52 6·35
July 17	C	6·23
20	C	6·69
Lacaille 6319.		
June 11	I	146 52 50·43
July 2	I	51·95
5	F	50·53
Lacaille 6341.		
June 14	I	146 34 7·40
29	C	7·18
30	F	7·49
Lacaille 6336.		
June 7	C	154 5 16·92
21	C	18·29
July 3	C	17·90
✱ R.A. $15^h.\ 17^m.\ 49^s$		
June 30	F	146 34 19·37

R.A. 15h. 19m. to 15h. 36m

Day.	Observer.	° ′ ″
Lacaille 6370.		
May 29	C	147 54 46·70
June 21	C	47·39
25	F	47·98
Lacaille 6389.		
June 11	I	146 58 42·86
29	C	41·16
30	F	42·96
Lacaille 6385.		
June 14	I	150 50 41·04
July 2	I	40·02
6	M	39·48
Lacaille 6396.		
June 18	I	150 22 50·00
July 5	F	50·61
16	F	50·53
Lacaille 6400.		
June 25	F	146 38 51·86
July 10	M	50·82
17	C	50·67
Lacaille 6399.		
July 1	M	154 41 26·99
7	C	28·23
20	C	25·80
Lacaille 6407.		
July 5	F	146 59 42·41
15	I	41·11
19	F	42·64

Day.	Observer.	° ′ ″
Lacaille 6431.		
June 14	I	149 29 20·52
25	F	20·67
July 6	M	20·69
Lacaille 6438.		
June 18	I	145 0 53·54
July 5	F	52·45
16	F	53·59
Lacaille 6428.		
June 29	C	154 39 28·06
July 1	M	27·23
7	C	28·47
Lacaille 6440.		
June 30	F	146 30 10·63
July 10	M	9·90
17	C	8·95
Lacaille 6434.		
May 29	C	153 46 18·35
July 15	I	19·77
19	F	20·96
Lacaille 6458.		
June 7	C	149 53 3·11
21	C	5·31
July 6	M	5·09
Lacaille 6462.		
June 11	I	147 2 58·51
July 5	F	58·69
20	C	58·39

Day.	Observer.	° ′ ″
*** R.A. 15h. 33m. 46s.**		
July 7	C	145 45 31·72
16	F	32·13
Lacaille 6474.		
July 2	I	145 45 51·86
7	C	51·06
16	F	50·47
Lacaille 6465.		
June 29	C	150 53 41·33
July 21	M	42·60
23	C	41·87
Lacaille 6472.		
June 25	F	148 43 25·72
July 22	I	26·42
28	C	25·12
Lacaille 6475.		
July 1	M	148 17 3·56
24	M	3·47
27	M	2·80
*** R.A. 15h. 35m. 8s.**		
July 1	M	148 17 18·52
24	M	19·02
27	M	18·27
Lacaille 6478.		
July 10	M	152 24 16·73
26	I	16·42
28	C	16·03

R.A. $15^h.\ 36^m.$ to $15^h.\ 53^m.$

Day.	Observer.	° ′ ″
Lacaille 6487.		
July 3	C	147 24 59·36
19	F	61·41
23	C	58·14
Lacaille 6490.		
June 18	I	147 43 44·40
July 20	C	44·94
21	M	45·77
Lacaille 6492.		
July 5	F	148 47 3·24
15	I	4·48
Lacaille 6497.		
June 21	C	149 58 48·29
25	F	47·70
July 6	M	48·54
Lacaille 6507.		
June 11	I	154 46 17·83
July 1	M	17·59
3	C	17·86
Lacaille 6511.		
June 7	C	154 37 16·49
29	C	19·14
July 10	M	18·54
Lacaille 6523.		
June 18	I	152 13 35·89
July 5	F	37·40
16	F	37·13

Day.	Observer.	° ′ ″
Lacaille 6528.		
May 29	C	148 40 42·25
June 25	F	41·96
July 17	C	41·63
Lacaille 6533.		
July 20	C	153 2 30·42
Lacaille 6540.		
June 26	M	150 22 6·22
July 7	C	7·70
19	F	6·96
21	M	6·00
Lacaille 6546.		
June 21	C	149 48 7·44
July 3	C	7·03
22	I	7·68
Lacaille 6550.		
July 1	M	150 6 28·38
6	M	29·19
10	M	28·80
Lacaille 6559.		
June 7	C	154 40 17·32
29	C	17·14
July 5	F	18·65
Lacaille 6570.		
June 11	I	146 1 39·09
25	F	39·27
July 19	F	39·81

Day.	Observer.	° ′ ″
Lacaille 6564.		
July 2	I	154 29 26·88
17	C	27·47
21	M	24·74
Lacaille 6577.		
June 18	I	148 21 46·38
July 16	F	46·92
20	C	46·76
Lacaille 6578.		
June 26	M	153 24 61·04
July 6	M	60·79
23	C	59·88
Lacaille {6595. / 6593.}		
June 21	C	152 11 8·68
July 3	C	7·82
7	C	9·28
22	I	10·26
Lacaille 6610.		
June 29	C	146 29 44·23
July 5	F	45·41
19	F	44·68
Lacaille 6612.		
July 6	M	150 8 46·84
20	C	45·88
24	M	46·17
*** R.A. $15^h.\ 53^m.\ 21^s.$**		
June 25	F	147 25 17·96

R.A. $15^h.\ 53^m.$ to $16^h.\ 5^m.$

Day.	Observer.	° ′ ″
Lacaille 6615.		
June 25	F	147 25 13·63
July 21	M	13·00
23	C	12·33
Lacaille 6616.		
July 1	M	148 49 30·36
15	I	31·07
16	F	32·22
Lacaille 6636.		
June 11	I	145 59 33·37
July 19	F	33·50
27	M	32·74
28	C	32·93
Lacaille 6650.		
June 18	I	145 50 56·81
July 23	C	56·49
31	F	57·20
Lacaille 6642.		
June 7	C	152 38 27·29
30	F	27·96
July 5	F	29·06
Aug. 10	M	30·36
*** R.A. $15^h.\ 57^m.\ 39^s.$**		
July 1	M	153 34 25·05
29	I	26·47
30	M	26·87
Lacaille 6649.		
June 26	M	148 37 46·50
July 24	M	45·82
Aug. 2	I	47·55

Day.	Observer.	° ′ ″
Lacaille 6646.		
July 10	M	151 27 41·38
28	C	41·55
Aug. 3	M	40·65
Lacaille 6652.		
June 7	C	152 37 42·84
July 26	I	43·15
Aug. 9	F	44·44
12	I	42·43
Lacaille 6665.		
June 25	F	147 35 43·53
July 16	F	43·90
Aug. 11	F	45·21
Lacaille 6668.		
June 29	C	145 43 14·81
July 3	C	15·33
20	C	14·48
Brisbane 5589.		
June 7	C	152 35 14·51
Lacaille 6662.		
July 21	M	151 23 6·44
27	M	6·44
Aug. 13	M	6·33
Lacaille 6673.		
July 19	F	146 7 15·83
30	M	17·09
Aug. 3	M	15·56
14	F	16·87

Day.	Observer.	° ′ ″
Lacaille 6685.		
July 22	I	145 0 46·49
28	C	46·45
Aug. 9	F	47·27
11	F	47·08
Lacaille 6676.		
June 29	C	145 44 20·25
July 3	C	19·63
31	F	20·19
Lacaille 6683.		
July 10	M	151 35 52·96
23	C	52·84
24	M	53·57
Lacaille 6679.		
June 26	M	154 39 27·15
July 2	I	27·43
5	F	28·29
17	C	25·85
Lacaille 6705.		
June 25	F	145 12 50·35
30	F	48·95
July 1	M	49·39
Lacaille 6701.		
June 28	M	153 21 46·22
July 16	F	47·07
19	F	47·94
26	I	47·64
Lacaille 6721.		
June 18	I	146 2 43·59
July 3	C	43·89
21	M	45·30

R.A. $16^h.\ 5^m.$ to $16^h.\ 31^m.$

Day.	Observer.	° ′ ″
Lacaille 6722.		
June 21	C	147 35 28·10
29	C	27·70
July 20	C	27·23
Lacaille 6742.		
July 5	F	147 37 28·54
10	M	28·95
20	C	28·13
24	M	29·44
Lacaille 6731.		
June 26	M	154 20 15·23
July 21	M	15·91
22	I	15·76
Lacaille 6743.		
June 24	F	147 35 18·09
28	M	18·21
July 3	C	17·80
19	F	19·06
20	C	18·10
24	M	19·00
Lacaille 6441.		
June 7	C	177 19 51·38
Lacaille 6759.		
June 29	C	152 16 2·94
30	F	2·28
July 1	M	3·58
Lacaille 6779.		
June 24	F	152 49 50·84
28	M	50·38
July 5	F	50·32

Day.	Observer.	° ′ ″
Lacaille 6795.		
June 21	C	153 46 15·58
26	M	13·98
30	F	13·98
July 1	M	12·45
Lacaille 6812.		
June 24	F	148 18 46·00
July 2	I	45·63
3	C	45·29
Lacaille 6827.		
June 28	M	147 28 29·69
July 7	C	29·43
10	M	30·32
16	F	30·43
Lacaille 6824.		
June 29	C	151 21 13·59
July 15	I	12·26
17	C	12·20
Lacaille 6831.		
June 26	M	152 0 47·52
July 5	F	47·41
19	F	47·81
Lacaille 6838.		
June 21	C	153 33 43·35
July 3	C	43·59
17	C	43·99
Lacaille 6855.		
June 18	I	153 59 9·50
24	F	11·56
25	F	10·63

Day.	Observer.	° ′ ″
Lacaille 6873.		
June 26	M	150 43 55·60
28	M	57·09
29	C	56·24
Lacaille 6880.		
June 21	C	147 59 34·04
30	F	33·57
July 5	F	35·17
Lacaille 6887.		
July 2	I	146 44 26·14
10	M	26·22
19	F	25·75
Lacaille 6886.		
July 3	C	150 11 32·90
20	C	32·26
21	M	33·50
26	I	33·17
Lacaille 6889.		
June 24	F	148 37 1·24
July 23	C	1·75
28	C	1·42
Lacaille 6895.		
July 15	I	152 18 26·33
19	F	27·72
28	C	27·68
30	M	26·88
Lacaille 6893.		
June 26	M	152 7 24·55
July 24	M	25·11
29	I	25·99

R.A. $16^h.\ 31^m.$ to $16^h.\ 48^m.$

Day.	Observer.	° ′ ″
Lacaille 6896.		
June 28	M	151 32 20·57
July 22	I	18·88
27	M	17·94
Lacaille 6909.		
June 18	I	145 35 53·56
25	F	54·78
30	I	54·53
Lacaille 6921.		
June 21	C	151 25 30·14
29	C	30·48
July 7	C	30·13
Lacaille 6928.		
June 24	F	148 16 5·06
July 3	C	4·73
20	C	4·53
Lacaille 6932.		
June 25	F	149 26 9·83
July 17	C	9·21
21	M	7·88
Lacaille 6936.		
June 26	M	148 6 30·27
July 19	F	30·44
23	C	30·13
Lacaille 6938.		
July 2	I	151 15 33·44
10	M	32·60
24	M	33·28

Day.	Observer.	° ′ ″
Lacaille 6944.		
June 30	F	151 9 34·34
July 7	C	33·40
22	I	33·20
26	I	33·07
Lacaille 6956.		
June 24	F	148 48 53·68
July 20	C	54·18
21	M	54·09
Lacaille 6964.		
June 25	F	152 30 57·86
29	C	56·22
Lacaille 6979.		
June 26	M	147 21 41·44
July 3	C	41·62
17	C	40·35
Lacaille 6985.		
June 15	F	147 41 32·83
July 15	I	32·39
16	F	30·66
Lacaille 6983.		
June 28	M	153 3 30·83
July 10	M	31·11
19	F	30·39
Lacaille 7003.		
June 26	M	145 50 12·45
30	I	12·86
July 21	M	11·02

Day.	Observer.	° ′ ″
Lacaille 6997.		
June 24	F	149 12 27·10
July 20	C	27·59
28	C	27·95
Lacaille 6995.		
June 21	C	151 25 59·51
July 23	C	57·55
30	M	57·46
Lacaille 7008.		
June 29	C	150 23 46·72
July 22	I	46·52
29	I	45·13
Lacaille 7013.		
July 2	I	151 32 18·97
24	M	18·57
27	M	18·25
31	I	19·20
Lacaille 7027.		
June 28	M	147 34 3·44
July 3	C	4·81
*** R.A. $16^h.\ 47^m.\ 33^s.$**		
June 28	M	147 35 16·94
July 3	C	13·86
Aug. 2	I	15·09
Lacaille 7034.		
July 16	F	145 47 23·98
Aug. 3	M	22·58
10	M	23·78

R.A. $16^h.\ 49^m.$ to $17^h.\ 9^m.$

Day.	Observer.	° ′ ″
Lacaille 7036.		
June 24	F	149 7 47·67
30	F	47·46
Aug. 11	F	48·33
*** R.A. $16^h.\ 49^m.\ 50^s.$**		
July 27	M	146 24 45·93
Lacaille 7048.		
June 15	F	147 5 34·88
July 19	F	34·63
Aug. 10	M	34·44
Lacaille 7042.		
July 15	I	151 56 49·20
26	I	50·33
Aug. 3	M	48·47
Lacaille 7057.		
July 21	M	146 21 44·62
24	M	43·04
31	F	43·13
Lacaille 7055.		
June 29	C	148 46 1·18
July 23	C	1·25
28	C	1·59
Lacaille 7072.		
June 15	F	147 31 43·50
21	C	43·21
July 3	C	42·66
Lacaille 7093.		
June 24	F	145 51 46·79
28	M	47·01
30	F	46·76
Lacaille 7102.		
June 15	F	151 30 29·00
29	C	28·94
July 5	F	29·30
Lacaille 7124.		
June 28	M	147 51 42·58
July 16	F	43·65
21	M	43·11
Lacaille 7115.		
June 26	M	153 31 27·49
July 17	C	25·48
20	C	27·65
Lacaille 7129.		
June 30	F	146 30 58·21
July 3	C	58·92
23	C	58·64
Lacaille 7136.		
July 1	M	148 26 10·10
19	F	8·75
27	M	9·81
Lacaille 7130.		
July 15	I	154 28 27·06
22	I	27·92
26	I	28·79
Lacaille 7134.		
July 20	C	152 34 43·14
24	M	43·30
28	C	41·65
Lacaille 7151.		
June 15	F	146 38 41·89
July 23	C	40·34
29	I	42·16
Lacaille 7152.		
June 29	C	146 44 5·29
July 5	F	2·98
21	M	6·46
Lacaille 7154.		
June 26	M	145 51 17·32
July 3	C	17·48
16	F	17·33
Lacaille 7161.		
June 24	F	152 43 55·46
July 1	M	55·00
6	M	55·77
Lacaille 7170.		
June 28	M	149 33 16·18
July 3	C	16·58
5	F	17·44
Lacaille 7173.		
June 25	F	153 26 47·74
29	C	47·45
July 16	F	47·56

R.A. $17^h.\ 11^m.$ to $17^h.\ 26^m.$

Day.	Observer.	° ′ ″
Lacaille 7210.		
June 15	F	148 20 30·32
July 6	M	30·76
24	M	29·79
Lacaille 7213.		
June 26	M	147 52 53·25
July 27	M	53·90
Aug. 9	I	54·66
Lacaille 7199.		
June 24	F	152 44 14·13
July 30	M	15·93
Aug. 10	M	15·93
Lacaille 7218.		
June 28	M	146 23 55·12
July 31	F	54·90
Aug. 11	F	55·03
Lacaille 7217.		
July 22	I	148 32 20·77
Aug. 2	I	19·96
13	M	19·62
Lacaille 7214.		
Aug. 3	M	150 32 54·71
12	I	55·15
17	M	55·39
Lacaille 7228.		
July 30	M	152 48 13·11
Aug. 9	I	12·18
10	M	12·79

Day.	Observer.	° ′ ″
Lacaille 7233.		
Aug. 18	F	146 15 24·12
23	I	24·90
24	M	24·45
Lacaille 7237.		
Aug. 13	M	145 24 30·42
14	F	30·99
17	M	31·33
43 Ophiuchi.		
June 30	F	118 1 9·46
July 1	M	9·57
2	I	10·67
3	C	8·67
5	F	8·60
6	M	9·69
8	I	10·08
10	M	9·84
15	I	9·87
16	F	8·95
17	C	9·02
20	C	8·62
21	M	9·66
23	C	8·86
24	M	9·50
26	F	10·19
27	M	9·03
28	C	9·28
29	I	9·74
Lacaille 7239.		
June 25	F	152 55 18·10
July 31	F	16·81
Aug. 11	F	16·41
Lacaille 7251.		
July 26	M	151 39 14·95
Aug. 2	I	14·50
3	M	14·96

Day.	Observer.	° ′ ″
Lacaille 7263.		
June 28	M	145 3 30·73
July 22	I	31·80
Aug. 10	M	33·08
Lacaille 7271.		
July 1	M	150 34 33·56
5	F	34·81
30	M	34·03
Lacaille 7281.		
June 25	F	146 49 6·28
30	F	6·66
July 3	C	6·13
Lacaille 7078.		
Aug. 11	F	175 9 18·50
14	F	19·15
Lacaille 7291.		
July 2	I	154 57 7·56
31	F	7·76
Aug. 2	I	8·86
Lacaille 7309.		
June 28	M	149 45 18·09
July 5	F	18·06
6	M	17·30
Lacaille 7328.		
June 25	F	149 20 56·24
30	F	55·80
July 3	C	56·28

R.A. $17^h.\ 27^m.$ to $17^h.\ 40^m.$

Day.	Obs.	° ′ ″
Lacaille 7339.		
June 24	C	146 44 14·67
July 20	C	14·80
23	C	13·84
Lacaille 7335.		
July 1	M	150 51 22·12
6	M	23·35
24	M	23·92
α Ophiuchi.		
Oct. 28	M	77 20 50·07
Lacaille 7368.		
June 24	C	145 33 32·99
July 17	C	32·26
22	I	34·65
Lacaille 7370.		
July 1	M	146 57 20·58
16	F	21·75
21	M	20·30
Lacaille 7364.		
June 28	M	154 39 36·23
July 20	C	35·86
23	C	36·84
Lacaille 7366.		
July 26	I	154 15 47·77
Lacaille 7381.		
June 26	M	147 29 0·16
July 24	M	0·07
27	M	0·49

Day.	Obs.	° ′ ″
Lacaille 7384.		
June 24	C	153 30 16·48
July 28	C	16·10
Aug. 10	M	17·05
Lacaille 7387.		
July 30	M	149 56 13·35
31	F	13·18
Aug. 13	M	12·08
Lacaille 7388.		
Aug. 3	M	150 11 54·39
12	I	55·24
18	F	55·62
Lacaille 7392.		
Aug. 2	I	148 8 19·85
9	I	20·30
17	M	17·35
Lacaille 7410.		
Aug. 10	M	145 44 18·56
23	I	17·86
31	F	18·36
Lacaille 7396.		
Aug. 17	M	154 15 26·41
30	F	26·39
Sept. 1	M	25·44
Lacaille 7413.		
Aug. 9	I	145 21 10·11
11	F	9·84
Sept. 6	M	10·16

Day.	Obs.	° ′ ″
Lacaille 7403.		
Aug. 25	F	151 39 56·75
26	I	57·41
28	F	58·33
Sept. 2	I	57·40
Lacaille 7408.		
Aug. 3	M	151 52 43·67
18	F	46·05
Sept. 3	F	44·82
3 Sagittarii.		
June 24	C	117 46 50·40
25	F	51·74
26	M	50·53
29	C	50·28
30	F	51·06
July 3	C	49·97
5	F	51·15
6	M	52·93
8	I	51·66
10	M	50·98
15	I	51·01
16	F	50·87
17	C	50·88
19	F	50·67
20	C	50·22
21	M	51·22
22	I	51·67
23	C	49·85
24	M	50·85
26	F	51·39
27	M	50·98
28	C	50·62
29	I	51·02
Lacaille 7419.		
July 30	M	150 7 15·44
Aug. 13	M	14·07
14	F	w=½ 17·43

R.A. 17ʰ. 40ᵐ. to 18ʰ. 0ᵐ.

Day.	Observer.	° ′ ″
Lacaille 7421.		
July 31	F	150 21 1·27
Aug. 9	I	0·53
24	M	0·66
Lacaille 7439.		
July 2	I	146 6 58·83
Aug. 2	I	59·18
10	M	60·53
B.A.C. 6024.		
June 5	M	117 1 8·64
14	I	9·56
15	F	9·25
17	C	8·48
18	I	9·35
21	C	10·71
Lacaille 7444.		
July 30	M	148 14 16·29
Aug. 3	M	w=½ 14·86
9	I	17·01
Lacaille 7455.		
July 20	C	145 51 58·78
23	C	59·75
28	C	57·41
Lacaille 7472.		
July 5	F	145 21 21·71
27	M	22·18
31	F	21·80
Lacaille 7471.		
July 10	M	146 52 21·65
29	I	22·89
Aug. 9	I	23·41

Day.	Observer.	° ′ ″
Lacaille 7476.		
July 24	M	148 38 1·21
30	M	1·99
Aug. 9	I	1·63
Lacaille 7484.		
July 26	I	146 14 18·83
28	C	17·62
Aug. 2	I	17·78
Lacaille 7487.		
July 20	C	146 55 39·89
23	C	40·86
Aug. 3	M	40·46
Lacaille 7501.		
July 2	I	145 57 40·10
6	M	40·23
31	F	38·63
Lacaille 7495.		
July 5	F	150 7 37·38
24	M	38·18
30	M	37·55
Lacaille 7517.		
July 3	C	149 10 28·87
27	M	29·12
28	C	28·89
29	I	28·87
Lacaille 7518.		
July 3	C	149 12 19·41
10	M	19·33
27	M	19·62
28	C	19·82

Day.	Observer.	° ′ ″
Lacaille 7528.		
June 28	M	148 34 26·09
July 6	M	25·71
23	C	25·72
Lacaille 7523.		
July 1	M	154 33 11·01
5	F	12·10
20	C	11·77
Lacaille 7527.		
Aug. 25	F	153 40 11·01
Lacaille 7537.		
July 15	I	145 41 60·75
28	C	59·70
31	F	60·26
Aug. 10	M	61·78
Brisbane 6303.		
July 26	I	152 1 28·67
Aug. 2	I	27·11
13	M	26·20
Lacaille 7540.		
June 24	C	149 3 13·05
Aug. 3	M	12·73
11	F	12·88
Lacaille 7544.		
July 24	M	154 0 20·83
Aug. 9	I	23·12
14	F	22·97

R.A. $18^h.\ 0^m.$ to $18^h.\ 11^m.$

Day.	Observer.	° ′ ″
B.A.C. 6127.		
June 26	M	118 28 6·67
28	M	6·89
29	C	7·22
Lacaille 7560.		
July 29	I	148 12 32·46
31	F	31·19
Aug. 17	M	30·45
Lacaille 7564.		
July 30	M	146 25 17·20
Aug. 10	M	16·32
13	M	15·91
Lacaille 7567.		
July 20	C	145 22 49·62
23	C	49·87
28	C	50·05
Aug. 18	F	51·11
Lacaille 7566.		
July 30	M	146 26 58·30
Aug. 10	M	58·67
13	M	57·24
Lacaille 7561.		
July 5	F	153 42 46·37
Aug. 24	M	47·09
25	F	46·44
Lacaille 7577.		
July 30	M	153 5 2·88
Aug. 10	M	3·22
26	I	3·79
Lacaille 7584.		
July 24	M	147 52 48·66
Aug. 12	I	47·11
23	I	48·25
Lacaille 7596.		
July 20	C	145 23 17·69
23	C	18·24
28	C	18·02
Aug. 18	F	18·69
Lacaille 7593.		
July 16	F	146 40 57·02
Aug. 13	M	55·88
14	F	56·54
Lacaille 7594.		
July 26	I	147 28 48·84
Aug. 17	M	49·21
28	F	47·71
Lacaille 7608.		
July 27	M	146 3 32·79
Aug. 3	M	32·46
24	M	32·27
Lacaille 7614.		
July 5	F	146 31 0·91
23	C	0·02
31	F	0·24
Lacaille 7601.		
July 20	C	153 55 6·64
22	I	6·11
28	C	5·38
Aug. 25	F	6·46
Lacaille 7625.		
July 29	I	149 53 9·57
Aug. 17	M	6·91
18	F	7·91
Lacaille 7633.		
July 24	M	146 15 40·21
Aug. 10	M	40·22
14	F	40·73
B.A.C. 6194.		
June 14	I	117 5 9·41
15	F	7·80
17	C	8·37
18	I	8·29
21	C	8·92
24	C	7·66
25	F	8·20
Lacaille 7649.		
July 5	F	145 36 56·77
16	F	57·32
31	F	56·28
*** R.A. $18^h.\ 11^m.\ 41^s.$**		
July 31	F	145 37 27·50
Aug. 31	F	28·35
Sept. 3	F	28·66
Lacaille 7638.		
July 17	C	151 32 48·76
Aug. 11	F	49·60
25	F	49·35
Lacaille 7641.		
July 27	M	150 48 5·27
Aug. 3	M	3·79
24	M	4·22

R.A. $18^h.\ 13^m.$ to $18^h.\ 28^m.$

Day.	Observer.	° ′ ″
Lacaille 7658.		
July 20	C	149 40 22·98
26	I	23·30
Aug. 9	I	23·64
Lacaille 7656.		
July 23	C	153 4 39·08
28	C	38·39
Aug. 2	I	40·74
18	F	39·03
Lacaille 7663.		
July 24	M	147 9 20·92
Aug. 3	M	20·17
12	I	20·12
σ Octantis.		
Aug. 18	F	179 16 41·12
23	I	38·44
26	I	39·61
28	F	39·99
30	I	39·70
31	F	39·57
Sept. 3	F	39·01
6	M	39·92
8	F	37·59
15	M	37·78
σ Octantis S.P.		
Jan. 12	M	179 16 40·40
13	S	40·77
14	F	39·14
16	M	39·31
19	F	36·94
21	M	37·51
22	F	39·47
29	M	37·61

Day.	Observer.	° ′ ″
σ Octantis S.P.—*Continued.*		
Feb. 4	F	179 16 38·86
9	F	36·81
13	F	37·12
Mar. 3	F	37·23
12	F	37·71
13	C	38·02
16	I	37·66
17	F	38·76
19	C	37·35
20	F	37·85
23	F	38·79
27	C	36·86
Lacaille 7696.		
July 17	C	147 35 46·81
21	M	48·14
22	I	48·76
Lacaille 7691.		
July 20	C	152 21 14·88
23	C	15·44
27	M	14·93
Brisbane 6402.		
July 20	C	152 22 32·10
λ Sagittarii.		
June 5	M	115 29 18·04
9	F	18·97
Lacaille 7704.		
July 26	I	149 38 31·90
29	I	32·29
31	F	31·33

Day.	Observer.	° ′ ″
Lacaille 7716.		
July 5	F	148 47 23·67
Aug. 3	M	23·13
11	F	24·61
Lacaille 7742.		
July 16	F	145 40 24·01
27	M	22·95
31	F	23·81
Lacaille 7755.		
July 20	C	146 19 10·76
23	C	12·12
Aug. 18	F	11·59
Lacaille 7744.		
July 21	M	154 57 45·83
28	C	44·17
Aug. 23	I	45·33
Lacaille 7753.		
July 24	M	154 49 39·17
Aug. 3	M	38·12
12	I	37·46
Lacaille 7760.		
July 19	F	149 13 14·41
26	I	13·57
29	I	14·83
Lacaille 7764.		
July 10	M	148 58 23·30
Aug. 11	F	24·32
13	M	23·79
17	M	24·07

R.A. 18^h. 29^m. to 18^h. 50^m.

Day.	Observer.	° ′ ″
Lacaille 7768.		
July 16	F	148 53 7·55
31	F	6·40
Aug. 2	I	6·37
Lacaille 7766.		
July 27	M	154 45 6·47
Aug. 9	I	6·90
14	F	6·07
*** R.A. 18^h. 30^m. 21^s.**		
Sept. 1	M	146 11 48·37
2	I	48·62
9	M	48·90
Lacaille 7773.		
July 23	C	154 39 48·43
Aug. 26	I	48·40
30	I	48·00
Lacaille 7783.		
Aug. 31	F	146 19 40·52
Sept. 3	F	40·31
8	F	39·63
Lacaille 7799.		
July 26	I	145 52 47·49
Aug. 10	M	48·36
13	M	47·39
Lacaille 7792.		
July 24	M	149 5 48·92
28	C	48·40
Aug. 16	I	49·71
17	M	48·30

Day.	Observer.	° ′ ″
Lacaille 7797.		
July 20	C	151 12 48·87
31	F	49·68
Aug. 11	F	49·49
Lacaille 7817.		
July 16	F	147 0 11·02
Aug. 12	I	8·65
14	F	9·26
Lacaille 7820.		
July 21	M	150 30 3·72
27	M	1·87
29	I	2·92
*** R.A. 18^h. 36^m. 29^s.**		
July 23	C	152 21 17·65
Sept. 2	I	17·47
3	F	16·45
Lacaille 7821.		
Aug. 13	M	153 23 59·22
31	F	61·34
Sept. 1	M	60·17
Lacaille 7832.		
July 19	F	149 4 51·58
20	C	52·59
28	C	50·25
Aug. 9	I	51·64
Lacaille 7840.		
July 21	M	151 1 59·90
26	I	59·45
Aug. 2	I	60·32

Day.	Observer.	° ′ ″
Lacaille 7841.		
Aug. 11	F	152 19 38·32
14	F	37·75
17	M	37·09
Lacaille 7882.		
July 16	F	147 34 32·17
20	C	32·65
29	I	32·66
Lacaille 7879.		
July 21	M	154 9 26·01
22	I	w=½ 26·05
Aug. 2	I	25·17
Lacaille 7895.		
July 19	F	150 21 41·07
23	C	41·33
28	C	42·43
Lacaille 7907.		
July 19	F	150 22 3·79
23	C	3·99
28	C	3·30
Lacaille 7905.		
July 26	I	153 1 53·87
Aug. 9	I	53·75
13	M	52·89
Lacaille 7917.		
July 29	I	145 10 56·33
Aug. 10	M	56·32
17	M	56·66

R.A. $18^h.\ 52^m.$ to $19^h.\ 21^m.$

Day.	Observer.	° ′ ″
Lacaille 7924.		
Aug. 11	F	153 57 32·80
18	F	32·91
23	I	32·60
Lacaille 7937.		
July 16	F	147 9 56·76
22	I	55·91
Aug. 2	I	55·62
Lacaille 7933.		
July 23	C	148 5 47·28
Aug. 12	I	47·87
17	M	48·03
Lacaille 7942.		
July 23	C	148 8 10·00
Aug. 12	I	10·65
17	M	10·86
Lacaille 7938.		
July 21	M	153 55 28·00
Aug. 13	M	26·50
14	F	27 37
Lacaille 7974.		
July 29	I	145 54 27·13
Aug. 9	I	27·73
11	F	27·59
14	F	28·18
Lacaille 7977.		
July 23	C	150 14 26·93
28	C	24·99
Aug. 12	I	25·65
13	M	25·47

Day.	Observer.	° ′ ″
Lacaille 7980 (neb).		
Aug. 17	M	150 10 44·53
26	I	42·26
30	I	43·12
Brisbane 6583.		
Aug. 31	F	153 7 21·74
Sept. 1	M	22·99
2	I	23·43
Lacaille 8011.		
July 21	M	148 12 23·33
Aug. 14	F	24·00
18	F	23·49
Lacaille 8018.		
Aug. 2	I	152 1 31·83
11	F	33·73
17	M	32·10
Lacaille 8035.		
July 21	M	146 21 49·00
26	I	49·90
Aug. 12	I	50·10
*** R.A. $19^h.\ 12^m.\ 22^s.$**		
July 23	C	153 11 55·00
Lacaille 8057.		
July 21	M	153 13 58·28
23	C	60·48
Aug. 11	F	58·66

Day.	Observer.	° ′ ″
Brisbane 6634.		
July 31	F	146 10 1·28
Aug. 17	M	1·32
18	F	4·31
Lacaille 8071.		
July 27	M	146 7 26·42
Aug. 13	M	26·22
17	M	26·83
Lacaille 8073.		
July 29	I	145 20 39·89
Aug. 12	I	38·96
14	F	39·64
Lacaille 8082.		
Aug. 2	I	145 36 57·66
23	I	57·98
25	F	57·29
Lacaille 8099.		
July 23	C	145 41 28·85
31	F	28·22
Aug. 26	I	29·08
Lacaille 8101.		
Aug. 13	M	145 21 47·69
14	F	48·81
28	F	47·98
Sept. 1	M	49·02
Lacaille 8102.		
Aug. 17	M	150 31 32·39
24	M	32·35
31	F	33·41

R.A. $19^h.\ 26^m.$ to $19^h.\ 46^m.$

Day.	Observer.	° ′ ″
Lacaille 8125.		
July 31	F	154 11 17·25
Aug. 9	I	18·40
28	F	17·44
Lacaille 8131.		
Aug. 2	I	154 48 38·73
17	M	38·55
26	I	38·66
Lacaille 8142.		
Aug. 13	M	148 15 21·74
24	M	23·79
31	F	23·75
Lacaille 8149.		
July 29	I	148 30 38·40
Aug. 12	I	38·70
23	I	38·80
Sept. 1	M	38·62
2	I	39·16
Lacaille 8150.		
Sept. 3	F	148 25 59·92
Oct. 8	F	58·80
Lacaille 8155.		
July 24	M	148 33 4·22
Aug. 28	F	3·73
Sept. 1	M	2·76
Lacaille 8165.		
July 31	F	145 33 2·47
Aug. 31	F	4·11
Sept. 6	M	6·28
Lacaille 8163.		
Aug. 17	M	149 17 26·24
24	M	26·80
25	F	26·26
Lacaille 8180.		
July 24	M	152 44 61·52
31	F	59·93
Aug. 28	F	60·36
Lacaille 8200.		
Aug. 13	M	146 39 36·12
25	F	36·59
31	F	37·58
Lacaille 8199.		
Aug. 2	I	148 1 39·72
12	I	38·69
Sept. 1	M	39·02
Lacaille 8194.		
Aug. 9	I	152 6 57·26
26	I	56·05
Sept. 6	M	56·46
Lacaille 8201.		
Aug. 24	M	151 22 7·93
Sept. 3	F	9·13
8	F	8·55
Lacaille 8204.		
Aug. 17	M	149 34 14·87
28	F	13·54
Sept. 9	M	15·02
Lacaille 8207.		
July 31	F	149 30 8·59
Sept. 15	M	8·80
16	F	10·21
Lacaille 8220.		
Aug. 13	M	147 1 50·26
31	F	52·68
Sept. 17	M	51·77
Lacaille 8215.		
Aug. 24	M	153 53 17·42
Sept. 10	I	17·51
16	F	17·50
Lacaille 8227.		
Aug. 17	M	145 17 10·85
25	F	10·69
Sept. 6	M	10·20
*** R.A. $19^h\ 42^m\ 40^s$.**		
Aug. 17	M	145 17 29·29
25	F	30·62
Sept. 6	M	30·95
Lacaille 8226.		
Sept. 1	M	151 29 25·21
8	F	26·51
15	M	26·21
Lacaille 8245.		
Aug. 24	M	149 13 38·95
28	F	38·89
Sept. 3	F	39·62
9	M	38·10

R.A. $19^h.\ 46^m.$ to $20^h.\ 10^m.$

Day.	Observer.	° ′ ″
Lacaille 8247.		
July 31	F	148 15 1·80
Aug. 25	F	2·47
Sept. 6	M	2·13
Lacaille 8244.		
Aug. 13	M	157 16 31·52
Lacaille 8264.		
Aug. 2	I	145 22 31·81
18	F	32·96
31	F	32·17
Lacaille 8251.		
Aug. 13	M	157 16 42·10
Lacaille 8265.		
Aug. 12	I	151 4 23·99
Sept. 1	M	24·13
10	I	25·19
Lacaille 8266.		
Aug. 17	M	148 43 25·92
28	F	24·90
Sept. 9	M	24·74
15	M	26·73
Lacaille 269.		
July 31	F	149 42 49·96
Sept. 8	F	49·95
16	F	49·27
Lacaille 8283.		
Aug. 9	I	153 24 26·55
26	I	27·62
31	F	27·23
Lacaille 8320.		
July 31	F	145 22 20·07
Aug. 25	F	19·99
Sept. 1	M	21·17
*** R.A. $19^h.\ 58^m.\ 46^s.$**		
Aug. 12	I	154 1 4·77
Sept. 3	F	7·41
8	F	5·75
Lacaille 8319.		
Aug. 12	I	153 58 54·32
18	F	54·37
31	F	55·77
Sept. 6	M	54·45
Lacaille 8337.		
Aug. 17	M	147 53 12·02
26	I	13·86
Sept. 9	M	12·61
Lacaille 8347.		
Aug. 23	I	152 51 41·16
Sept. 10	I	40·92
16	F	40·35
Lacaille 8343.		
Aug. 9	I	154 48 0·25
Sept. 6	M	0·10
15	M	0·78
Brisbane 6809.		
Aug. 13	M	153 47 16·21
Sept. 8	F	17·40
17	M	17·77
Lacaille 8349.		
Aug. 24	M	152 39 2·08
31	F	2·05
Sept. 22	M	2·04
Lacaille 8363. (1.)		
Aug. 28	F	147 20 49·93
Sept. 9	M	48·85
17	M	50·34
Lacaille 8363. (2.)		
Aug. 28	F	147 20 42·41
Sept. 9	M	42·07
17	M	42·91
Lacaille 8370.		
Aug. 12	I	152 17 16·10
31	F	16·88
Sept. 16	F	16·39
Lacaille 8368.		
Aug. 17	M	153 36 40·14
26	I	41·59
Sept. 6	M	41·10
15	M	40·49
Lacaille 8384.		
Aug. 9	I	149 7 2·02
28	F	1·69
Sept. 9	M	1·08
Lacaille 8389.		
Aug. 13	M	145 26 17·27
Sept. 8	F	18·15
10	I	18·12

R.A. $20^h.\ 15^m.$ to $20^h.\ 50^m.$

Day.	Observer.	° ′ ″
Lacaille 8416.		
Aug. 13	M	147 7 58·37
Sept. 3	F	60·26
6	M	59·39
Lacaille 8422.		
Aug. 12	I	154 36 5·47
23	I	5·66
Sept. 8	F	4·55
Lacaille 8428.		
Aug. 9	I	149 10 59·13
24	M	59·26
Sept. 3	F	59·36
Lacaille 8456.		
Aug. 13	M	153 44 0·76
24	M	0·25
26	I	1·98
31	F	1·69
Lacaille 8461.		
Aug. 25	F	150 59 59·63
Sept. 8	F	59·57
15	M	60·18
Lacaille 8464.		
Aug. 9	I	153 32 42·09
23	I	42·30
Sept. 16	F	41·74
Lacaille 8470.		
Sept. 3	F	151 57 26·42
6	M	25·32
9	M	24·99

Day.	Observer.	° ′ ″
Lacaille 8444.		
Aug. 17	M	166 58 43·67
Sept. 10	I	45·84
24	I	44·55
Lacaille 8482.		
Sept. 6	M	151 58 9·09
9	M	8·35
22	M	9·19
Lacaille 8484.		
Aug. 31	F	153 20 23·43
Sept. 17	M	23·23
23	F	23·38
Lacaille 8490.		
Aug. 25	F	150 57 52·40
Sept. 15	M	52·99
16	F	51·85
Lacaille 8508.		
Aug. 13	M	154 52 27·19
23	I	27·93
24	M	28·11
Lacaille 8541.		
Aug. 17	M	149 41 22·55
24	M	24·44
25	F	22·67
Lacaille 8550.		
Aug. 24	M	152 53 23·50
31	F	25·04
Sept. 3	F	24·49

Day.	Observer.	° ′ ″
Lacaille 8558.		
Aug. 23	I	154 39 50·99
26	I	49·92
Sept. 15	M	50·40
Lacaille 8571.		
Aug. 25	F	150 10 31·22
Sept. 10	I	33·03
16	F	32·01
Lacaille 8568.		
Sept. 9	M	153 18 13·29
23	F	13·15
24	I	13·31
25	M	14·62
Lacaille 8584.		
Sept. 17	M	148 55 24·67
Oct. 1	M	24·19
2	F	25·21
Lacaille 8599.		
Aug. 31	F	148 2 37·92
Sept. 28	M	36·58
29	F	36·97
Lacaille 8605.		
Sept. 9	M	145 41 41·93
22	M	40·30
23	F	40·59
25	M	39·85
✱ R.A. $20^h\ 50^m\ 5^s$.		
Sept. 16	F	176 8 46·30

R.A. $20^h.\ 50^m.$ to $21^h.\ 6^m.$

Day.	Observer.	° ′ ″
Lacaille 8474.		
Oct. 2	F	175 15 28·74
Lacaille 8634.		
Aug. 25	F	149 25 26·27
31	F	26·51
Sept. 9	M	27·14
Lacaille 8648.		
Aug. 28	F	145 13 10·63
Sept. 15	M	10·11
18	F	10·77
Lacaille 8659.		
Aug. 24	M	145 27 10·12
Sept. 8	F	10·63
16	F	10·55
Lacaille 8656.		
Sept. 2	I	150 29 20·71
17	M	20·80
25	M	20·66
Lacaille 8654.		
Sept. 10	I	154 25 41·90
28	M	39·85
Oct. 1	M	40·29
Lacaille 8665.		
Sept. 23	F	147 8 5·63
29	F	5·28
Oct. 13	F	6·45
Lacaille 8666.		
Sept. 9	M	154 31 34·51
Oct. 4	I	35·32
15	M	33·64
Lacaille 8676.		
Aug. 31	F	148 22 4·85
Oct. 8	F	5·46
19	M	5·02
Lacaille 8679.		
Sept. 15	M	145 47 42·71
Oct. 12	M	42·15
23	M	43·12
Lacaille 8680.		
Aug. 25	F	149 54 41·13
Oct. 14	I	41·70
26	M	42·60
Lacaille 8687.		
Aug. 23	I	145 4 40·89
Sept. 25	M	40·69
Oct. 2	F	42·32
Lacaille 8692.		
Sept. 16	F	147 1 25·19
17	M	24·65
28	M	24·60
Lacaille 8694.		
Sept. 2	I	150 33 24·39
8	F	24·17
23	F	24·72
Oct. 13	F	23·50
B Octantis.		
May 9	M	179 25 29·00
10	F	29·84
Oct. 8	F	30·28
B Octantis S.P.		
May 6	F	179 25 28·55
8	C	30·14
10	C	28·92
Lacaille 8709.		
Aug. 31	F	145 29 59·66
Sept. 10	I	59·96
18	F	59·55
Lacaille 8705.		
Aug. 24	M	150 13 18·06
Oct. 1	M	17·92
8	F	17·81
Lacaille 8712.		
Aug. 25	F	146 45 49·08
Sept. 29	F	49·61
Oct. 11	I	49·02
Lacaille 8714.		
Aug. 28	F	149 26 29·56
Oct. 2	F	30·75
12	M	28·81
Lacaille 8718.		
Sept. 9	M	148 8 47·98
15	M	47·86
25	M	46·24

R.A. $21^h.\ 7^m.$ to $21^h.\ 31^m.$

Day.	Observer.	° ′ ″
Lacaille 8730.		
Aug. 23	I	145 22 26·18
Sept. 16	F	26·69
23	F	25·92
Oct. 4	I	26·38
Lacaille 8728.		
Sept. 17	M	151 30 17·89
28	M	17·54
Lacaille 8733.		
Sept. 2	I	151 51 31·28
8	F	30·90
18	F	31·09
*** 8·7 mag. R.A. $21^h.\ 8^m.\ 53^s.$**		
Sept. 29	F	151 27 9·03
Lacaille 8748.		
Aug. 28	F	145 4 57·28
31	F	58·75
Sept. 23	F	57·37
Lacaille 8763.		
Aug. 25	F	145 16 30·77
Sept. 10	I	32·38
16	F	32·11
Lacaille 8762.		
Sept. 8	F	150 23 27·38
17	M	26·85
25	M	27·09

Day.	Observer.	° ′ ″
Lacaille 8775.		
Aug. 24	M	146 18 44·63
Sept. 28	M	44·50
Oct. 1	M	44·98
2	F	46·13
Lacaille 8770.		
Sept. 9	M	148 17 52·70
15	M	53·81
18	F	52·26
*** R.A. $21^h.\ 14^m.\ 35^s.$**		
Aug. 31	F	146 4 12·03
Sept. 29	F	11·99
Oct. 4	I	12·31
Lacaille 8784.		
Sept. 9	M	147 47 20·06
23	F	21·02
Oct. 8	F	21·02
Lacaille 8789.		
Aug. 28	F	146 25 25·41
Sept. 2	I	26·41
17	M	25·60
Lacaille 8792.		
Sept. 8	F	145 11 54·15
15	M	56·54
16	F	55·20
Lacaille 8810.		
Aug. 23	I	152 42 34·76
Sept. 1	M	34·54
25	M	34·07
28	M	33·54

Day.	Observer.	° ′ ″
*** R.A. $21^h.\ 21^m.\ 2^s.$**		
Sept. 29	F	146 49 18·53
Oct. 1	M	18·20
2	F	18·68
Lacaille 8820.		
Sept. 15	M	147 25 51·99
17	M	50·35
18	F	51·33
Lacaille 8826.		
Aug. 31	F	150 14 56·62
Sept. 16	F	55·35
23	F	56·68
Lacaille 8831.		
Aug. 23	I	153 31 13·35
Sept. 1	M	14·05
9	M	13·52
15	M	15·31
*** R.A. $21^h.\ 26^m.\ 21^s.$**		
Sept. 16	F	150 14 48·04
24	I	47·70
25	M	48·02
Lacaille 8856.		
Sept. 1	M	148 0 9·21
2	I	9·25
9	M	9·15
Lacaille 8858.		
Aug. 28	F	146 18 6·93
Sept. 10	I	7·59
15	M	8·55

R.A. 21h. 34m. to 21h. 49m

Day.	Observer.	° ′ ″
Lacaille 8872.		
Sept. 6	M	152 40 58·42
16	F	58·34
22	M	59·68
Lacaille 8876.		
Aug. 24	M	147 56 8·61
Sept. 18	F	9·16
Oct. 1	M	9·41
Lacaille 8877.		
Sept. 1	M	147 53 36·00
17	M	34·70
25	M	34·26
28	M	34·28
Lacaille 8878.		
Sept. 1	M	147 51 3·66
17	M	4·11
25	M	2·45
28	M	3·72
Lacaille 8881.		
Sept. 8	F	145 4 9·07
23	F	9·39
Oct. 4	I	8·47
Lacaille 8882.		
Sept. 9	M	145 37 30·70
29	F	30·99
Oct. 8	F	31·25
Lacaille 8884.		
Sept. 15	M	146 2 33·01
Oct. 2	F	33·66
11	I	32·51
Lacaille 8888.		
Aug. 28	F	153 7 17·42
Sept. 16	F	17·22
Oct. 12	M	17·28
Lacaille 8908.		
Sept. 6	M	146 51 7·08
10	I	8·74
17	M	6·91
Lacaille 8919.		
Aug. 28	F	145 44 46·40
Sept. 18	F	46·46
24	I	45·46
Lacaille 8920.		
Sept. 1	M	152 37 55·90
16	F	55·76
22	M	56·67
Lacaille 8926.		
Sept. 2	I	146 21 45·24
23	F	45·66
Oct. 2	F	46·12
Lacaille 8928.		
Sept. 9	M	145 14 1·78
15	M	2·63
Oct. 1	M	2·34
Lacaille 8932.		
Sept. 6	M	147 55 10·57
28	M	11·83
29	F	10·33
Lacaille 8933.		
Sept. 17	M	147 13 2·61
Oct. 4	I	3·08
12	M	2·25
Lacaille 8931.		
Sept. 25	M	153 41 22·19
Oct. 8	F	22·30
14	I	22·45
Lacaille 8939.		
Aug. 31	F	152 28 18·07
Oct. 2	F	17·90
15	M	18·46
Lacaille 8950.		
Sept. 1	M	148 29 24·36
Oct. 5	F	24·34
18	I	24·70
Lacaille 8949.		
Sept. 9	M	152 26 8·73
15	M	9·01
Oct. 2	F	10·30
Lacaille 8954.		
Sept. 10	I	146 16 49·77
24	I	49·61
Oct. 1	M	50·53
Lacaille 8962.		
Sept. 6	M	145 35 7·60
23	F	8·26
Oct. 8	F	7·72

R.A. $21^h.\ 49^m.$ to $22^h.\ 13^m.$

Day.	Observer.	° ′ ″
Lacaille 8960.		
Sept. 2	H	147 17 55·35
25	M	55·02
28	M	55·19
Lacaille 8959.		
Aug. 31	F	149 36 24·53
Sept. 17	M	24·24
Oct. 12	M	24·31
Lacaille 8973.		
Sept. 1	M	146 28 48·71
Oct. 1	M	48·91
2	F	49·85
Lacaille 8975.		
Sept. 9	M	147 17 54·17
15	M	54·51
17	M	53·63
Lacaille 8992.		
Aug. 31	F	146 34 34·57
Sept. 23	F	33·36
24	I	33·04
Lacaille 8997.		
Sept. 1	M	146 54 7·58
2	I	8·52
25	M	7·18
Lacaille 9001.		
Sept. 17	M	150 14 22·02
Oct. 1	M	22·07
2	F	23·16

Day.	Observer.	° ′ ″
Lacaille 9011.		
Sept. 9	M	149 55 29·29
28	M	29·24
Oct. 5	F	29·19
Lacaille 9018.		
Sept. 15	M	147 2 41·40
25	M	40·94
Oct. 8	F	41·62
Lacaille 9031.		
Aug. 31	F	146 3 55·40
Sept. 23	F	54·65
Oct. 1	M	55·20
Lacaille 9041.		
Sept. 1	M	150 18 28·39
24	I	27·91
Oct. 4	I	27·33
Lacaille 9044.		
Sept. 6	M	146 33 37·36
28	M	37·51
Oct. 2	F	38·68
Lacaille 9051.		
Sept. 2	I	145 54 59·97
25	M	58·50
Oct. 5	F	58·32
C Octantis.		
Oct. 5	F	176 35 61·70
13	F	60·97
27	F	61·25
28	I	60·39
29	M	59·73
30	F	60·23
Nov. 3	F	60·11

Day.	Observer.	° ′ ″
C Octantis S.P.		
May 19	C	176 35 58·61
Lacaille 9054.		
Sept. 9	M	153 57 23·84
23	F	24·30
Oct. 1	M	24·89
Lacaille 9060.		
Sept. 15	M	148 11 16·12
17	M	16·88
Oct. 8	F	16·67
Lacaille 9067.		
Sept. 28	M	153 26 1·77
Oct. 2	F	2·74
13	F	1·30
Lacaille 9074.		
Nov. 10	M	150 52 53·65
Lacaille 9087.		
Sept. 25	M	146 12 40·97
Oct. 4	I	40·93
8	F	40·05
Lacaille 9092.		
Sept. 1	M	148 8 8·86
Oct. 1	M	9·20
13	F	8·62
Lacaille 9096.		
Sept. 2	I	146 23 34·81
15	M	36·03
Oct. 2	I	35·72

R.A. $22^h.\ 14^m.$ to $22^h.\ 36^m.$

Day.	Observer.	° ′ ″
Lacaille 9104.		
Sept. 6	M	146 46 52·15
24	I	51·33
28	M	51·35
Lacaille 9112.		
Sept. 1	M	148 25 3·08
25	M	2·33
Oct. 1	M	3·34
Lacaille 9125.		
Sept. 6	M	148 38 9·25
15	M	9·31
16	F	8·47
Lacaille 9129.		
Sept. 2	I	150 41 27·62
24	I	26·75
28	M	26·77
Lacaille 9153.		
Sept. 9	M	152 37 22·72
25	M	23·71
29	F	23·58
Lacaille 9156.		
Sept. 6	M	151 4 34·22
16	F	35·60
23	F	35·26
Lacaille 9154.		
Sept. 15	M	154 6 51·14
Oct. 4	I	51·54
13	F	50·91

Day.	Observer.	° ′ ″
Lacaille 9168.		
Sept. 24	I	145 49 44·69
25	M	44·50
Oct. 2	F	46·20
Lacaille 9170.		
Oct. 1	M	148 31 43·03
5	F	44·16
15	M	43·42
Lacaille 9171.		
Sept. 28	M	145 41 53·11
Oct. 14	I	52·63
21	I	54·13
Lacaille 9174.		
Oct. 8	F	145 14 51·82
19	M	50·69
20	M	50·20
Lacaille 9176.		
Sept. 25	M	145 50 15·33
Oct. 2	F	17·04
13	F	15·56
η Aquarii.		
Oct. 27	F	90 45 40·06
Lacaille 9182.		
Sept. 23	F	146 7 9·99
Oct. 4	I	9·61
23	M	8·94

Day.	Observer.	° ′ ″
Lacaille 9198.		
Sept. 16	F	148 4 23·40
28	M	23·44
Oct. 1	M	23·69
Lacaille 9201.		
Sept. 24	I	147 40 47·16
Oct. 5	F	47·66
13	F	47·66
Lacaille 9207.		
Sept. 23	F	151 22 37·75
Oct. 2	F	39·37
15	M	38·67
Lacaille 9213.		
Sept. 25	M	151 9 17·60
Oct. 14	I	17·33
19	M	17·47
Lacaille 9212.		
Oct. 1	M	154 36 30·40
18	I	30·07
21	I	31·93
Lacaille 9217.		
Sept. 28	M	150 46 14·37
Oct. 20	M	14·24
23	M	14·37
Lacaille 9219.		
Sept. 16	F	147 28 55·51
Oct. 4	I	55·75
13	F	55·29

R.A. $22^h.\ 38^m.$ to $22^h.\ 51^m.$

Day.	Observer.	° ′ ″
Lacaille 9226.		
Oct. 5	F	145 43 13·03
27	F	12·89
29	M	13·26
Lacaille 9235.		
Sept. 18	F	145 4 13·23
23	F	11·72
Oct. 2	F	12·66
✱ R.A. $22^h.\ 39^m.\ 36^s.$		
Sept. 18	F	145 4 13·71
23	F	14·03
Lacaille 9239.		
Sept. 24	I	149 20 32·44
Oct. 28	I	34·30
Nov. 1	I	32·46
Lacaille 9241.		
Nov. 2	M	145 9 21·28
3	F	22·61
5	F	23·37
Lacaille 9238.		
Oct. 8	F	152 20 34·63
30	F	33·68
Nov. 6	M	33·47
Lacaille 9240.		
Oct. 13	F	154 22 39·34
Nov. 8	F	40·08
10	M	40·10
Lacaille 9252.		
Oct. 15	M	149 35 20·84
19	M	21·44
20	M	20·37
Lacaille 9257.		
Sept. 16	F	145 53 39·04
25	M	38·52
Oct. 21	I	39·07
27	F	39·02
Nov. 5	F	38·39
Lacaille 9258.		
Oct. 1	M	150 11 11·14
29	M	10·66
Nov. 9	I	11·94
Lacaille 9259.		
Oct. 4	I	153 28 32·72
Nov. 8	F	32·19
10	M	33·14
Lacaille 9264.		
Sept. 25	M	145 52 49·13
Oct. 27	F	49·71
Nov. 5	F	49·45
Lacaille 9265.		
Sept. 28	M	149 45 31·98
Oct. 5	F	32·05
Nov. 3	F	32·32
Lacaille 9267.		
Oct. 14	I	150 32 35·22
30	F	35·81
Nov. 6	M	35·34
Lacaille 9268.		
Oct. 8	F	153 50 58·26
Nov. 2	M	57 61
4	I	58·09
Lacaille 9272.		
Oct. 13	F	153 28 45·99
18	I	45·80
23	M	45·73
Lacaille 9274.		
Oct. 2	F	154 25 37·34
15	M	35·60
19	M	35·43
Lacaille 9302.		
Sept. 28	M	147 32 33·82
Oct. 2	F	36·02
8	F	34·67
Lacaille 9306.		
Oct. 1	M	149 45 19·69
5	F	20·38
13	F	19·62
Lacaille 9310.		
Oct. 4	I	147 26 30·49
21	I	29·84
27	F	29·38
Lacaille 9308.		
Oct. 15	M	150 49 32·55
20	M	31·04
23	M	31·46

R.A. $22^h.\ 51^m$ to $23^h.\ 8^m$.

Day.	Observer.	° ′ ″
Lacaille 9312.		
Oct. 18	I	153 26 24·49
28	I	25·40
29	M	25·02
Lacaille 9320.		
Sept. 16	F	149 6 27·67
18	F	28·06
24	I	27·38
Lacaille 9323.		
Oct. 1	M	153 45 25·29
2	F	26·30
30	F	26·14
Lacaille 9325.		
Oct. 8	F	154 58 2·86
Nov. 1	I	3·16
2	M	1·92
Lacaille 9340.		
Oct. 13	F	145 50 17·87
Nov. 3	F	19·45
5	F	19·53
Lacaille 9342.		
Oct. 15	M	147 10 18·36
28	I	19·21
29	M	18·78
Lacaille 9345.		
Oct. 19	M	146 22 9·04
23	M	9·91
Nov. 2	M	8·25

Day.	Observer.	° ′ ″
Lacaille 9346.		
Sept. 25	M	145 42 0·10
28	M	1·14
Oct. 30	F	1·13
Lacaille 9368.		
Sept. 16	F	154 32 27·14
Oct. 2	F	28·16
13	F	26·87
Lacaille 9372.		
Sept. 24	I	150 24 38·76
Oct. 4	I	38·53
18	I	38·50
Lacaille 9377.		
Sept. 28	M	151 14 27·61
Oct. 15	M	28·87
19	M	27·99
Lacaille 9380.		
Oct. 1	M	153 52 2·47
8	F	3·03
14	I	2·05
Lacaille 9394.		
Sept. 16	F	145 47 4·00
Oct. 2	F	4·58
13	F	4·00
Lacaille 9396.		
Sept. 17	M	153 21 54·43
25	M	54·36
Oct. 23	M	53·88

Day.	Observer.	° ′ ″
Lacaille 9403.		
Sept. 24	I	147 24 47·84
Oct. 21	I	47·70
26	M	47·08
Lacaille 9406.		
Sept. 15	M	147 22 17·69
Oct. 26	M	17·66
27	F	19·09
Lacaille 9405.		
Oct. 4	I	150 22 29·31
28	I	29·29
29	M	29·16
τ Octantis.		
June 15	C	178 10 3·43
Sept. 18	F	5·05
29	F	5·08
Nov. 15	F	1·81
20	C	3·91
22	M	4·90
τ Octantis S P.		
May 15	M	178 10 2·06
16	F	2·04
19	C	2·55
20	I	1·57
29	C	0·82
30	F	2·92
31	F	3·30
June 5	M	w=½ 6·33
6	F	4·62
8	M	2·13
9	F	3·70
10	C	0·95
11	F	2·39
16	M	1·75

R.A. 23^h, 9^m. to 23^h. 21^m.

Day.	Observer.	° ′ ″
Lacaille 9410.		
Oct. 14	I	146 12 32·26
30	F	32·00
Nov. 3	F	32·72
Lacaille 9412.		
Nov. 2	M	152 40 55·70
5	F	55·92
6	M	54·99
Lacaille 9413.		
Sept. 17	M	153 27 47·08
Nov. 4	I	46·91
16	M	45·57
Lacaille 9422.		
Nov. 1	I	145 36 52·85
8	F	52·88
15	F	52·21
Lacaille 9420.		
Nov. 10	M	148 55 14·23
11	F	15·01
18	F	14·16
*** R.A. 23^h. 10^m. 29^s**		
Oct. 23	M	151 40 50·45
Lacaille 9423.		
Oct. 23	M	151 40 59·71
Nov. 9	I	58·88
17	I	59·36

Day.	Observer.	° ′ ″
Lacaille 9428.		
Oct. 27	F	150 40 57·94
Nov. 3	F	58·13
6	M	57·63
Lacaille 9431.		
Sept. 16	F	145 19 55·97
Oct. 13	F	55·37
29	M	54·53
30	F	55·25
Lacaille 9438.		
Oct. 2	F	145 23 46·72
Nov. 5	F	46·70
Lacaille 9449.		
Sept. 17	M	150 44 26·82
18	F	27·82
Oct. 26	M	27·05
*** R.A. 23^h. 15^m. 43^s.**		
Oct. 15	M	148 18 36·45
18	I	36·59
23	M	36·29
Lacaille 9452.		
Sept. 25	M	146 14 18·77
Oct. 4	I	20·16
19	M	19·11
Lacaille 9463.		
Sept. 23	F	147 32 6·09
Oct. 2	F	6·44
27	F	5·71

Day.	Observer.	° ′ ″
Lacaille 9465.		
Oct. 13	F	153 55 27·42
14	I	27·79
30	F	28·30
Lacaille 9472.		
Oct. 28	I	149 6 34·24
29	M	33·21
Nov. 5	F	33·27
Lacaille 9471.		
Oct. 21	I	153 25 29·41
Nov. 1	I	28·30
3	F	28·89
Lacaille 9474.		
Oct. 1	M	149 9 57·95
26	M	57·20
29	M	58·06
Lacaille 9481.		
Oct. 19	M	147 7 21·11
Nov. 2	M	20·15
6	M	20·64
Lacaille 9484.		
Oct. 23	M	150 7 28·64
Nov. 4	I	29·06
8	F	29·18
Lacaille 9483.		
Oct. 5	F	153 47 55·23
30	F	56·54
Nov. 3	F	54·64

R.A. $23^h.\ 22^m.$ to $23^h.\ 46^m.$

Day.	Observer.	° ′ ″
Lacaille 9488.		
Sept. 29	F	145 11 24·99
Oct. 2	F	25·05
27	F	25·46
Lacaille 9498.		
Sept. 17	M	146 49 55·29
23	F	55·23
Oct. 13	F	54·41
Lacaille 9506.		
Sept. 24	I	146 57 35·04
Oct. 29	M	34·73
30	F	34·13
*** R.A. $23^h.\ 25^m.\ 1^s.$**		
Oct. 29	M	146 56 18·58
30	F	19·30
Lacaille 9504.		
Oct. 1	M	154 20 37·29
23	M	37·25
Nov. 1	I	36·83
*** R.A. $23^h.\ 26^m.\ 27^s.$**		
Oct. 15	M	147 43 10·45
Lacaille 9512.		
Oct. 14	I	147 44 39·46
15	M	40·31
18	I	40·46
Lacaille 9520.		
Oct. 4	I	147 30 57·32
5	F	56·83
13	F	55·83

Day.	Observer.	° ′ ″
Lacaille 9521.		
Sept. 23	F	146 41 54·45
29	F	55·51
Oct. 2	F	55·10
Lacaille 9536.		
Sept. 25	M	147 8 34·58
Oct. 21	I	33·80
23	M	35·66
Lacaille 9538.		
Oct. 1	M	153 34 40·54
13	F	38·98
15	M	39·65
26	M	37·73
ι Piscium.		
Nov. 6	M	85 3 3·52
11	F	3·61
18	F	4·99
Lacaille 9549.		
Sept. 25	M	147 6 42·62
Oct. 14	I	42·55
21	I	42·44
Lacaille 9556.		
Oct. 2	F	147 4 24·36
14	I	22·87
27	F	24·08
Lacaille 9557.		
Sept. 29	F	151 45 18·96
Oct. 26	M	17·85
28	I	18·02

Day.	Observer.	° ′ ″
Lacaille 9577.		
Oct. 4	I	145 7 47·05
15	M	47·08
23	M	45·38
Lacaille 9589.		
Oct. 13	F	146 30 15·66
27	F	15·99
29	M	16·31
Lacaille 9590.		
Oct. 18	I	146 6 11·12
28	I	11·25
30	F	10·52
Lacaille 9604.		
Oct. 5	F	153 31 59·23
14	I	59·89
15	M	59·32
Lacaille 9628.		
Oct. 2	F	149 14 45·59
26	M	45·07
29	M	44·02
Lacaille 9629.		
Oct. 13	F	147 28 9·95
27	F	10·16
30	F	10·55
Lacaille 9631.		
Oct. 4	I	145 3 44·62
21	I	43·32
Nov. 3	F	44·04

R.A. $23^h.\ 46^m.$ to $23^h.\ 59^m.$

Day.	Observer.	° ′ ″
Lacaille 9638.		
Oct. 5	F	150 14 16·47
18	I	16·55
Nov. 5	F	17·80
Lacaille 9649.		
Oct. 15	M	153 34 7·66
28	I	8·66
Nov. 3	F	7·68
Lacaille 9654.		
Oct. 23	M	146 23 31·85
Nov. 4	I	30·79
8	F	31·20
Lacaille 9653.		
Oct. 14	I	146 10 48·86
Nov. 1	I	49·89
6	M	48·62
Lacaille 9656.		
Sept. 29	F	147 50 39·17
Oct. 27	F	38·88
Nov. 9	I	38·81

Day.	Observer.	° ′ ″
Lacaille 9658.		
Oct. 26	M	153 39 11·40
30	F	11·32
Nov. 10	M	12·84
Lacaille 9667.		
Oct. 2	F	147 53 37·40
Nov. 8	F	36·27
11	F	37·25
Lacaille 9668.		
Oct. 26	M	153 42 3·77
Nov. 5	F	3·42
10	M	4·77
Lacaille 9669.		
Oct. 29	M	147 58 35·12
Nov. 3	F	35·77
6	M	34·77
Lacaille 9672.		
Oct. 4	I	147 16 17·99
5	F	17·51
25	I	18·10

Day.	Observer.	° ′ ″
Lacaille 9693.		
Oct. 15	M	153 37 11·07
23	M	10·38
27	F	10·62
30	F	10·61
Lacaille 9711.		
Sept. 28	M	147 32 18·83
Oct. 2	F	20·29
5	F	19·15
B.A.C. 8365.		
Oct. 12	M	91 11 49·78
Lacaille 9716.		
Oct. 8	F	147 39 5·58
23	M	5·46
28	I	7·09
Lacaille 9719.		
Oct. 14	I	150 0 22·79
27	F	23·50
29	M	21·80

ROYAL OBSERVATORY,
CAPE OF GOOD HOPE.

CATALOGUE

OF

CONCLUDED MEAN RIGHT ASCENSIONS

AND

MEAN NORTH POLAR DISTANCES,

FOR 1875, JANUARY 1,

OF

STARS OBSERVED DURING THE YEAR 1875.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1	Lacaille 9730 ...	7	0 1 2·38	0·75	3	+3·063	147 31 56·56	0·75	3	−20·05
2	Lacaille 9731 ...	7	0 1 7·55	0·82	3	+3·062	146 42 30·82	0·82	3	−20·05
3	Lacaille 9733 ...	7	0 1 18 62	0·80	3	+3·057	153 0 39·17	0·80	3	−20·05
4	Lacaille 9746 ...	7	0 3 21·57	0·84	3	+3·042	146 53 13·10	0·84	3	−20·05
5	Lacaille 9749 ...	6	0 3 37·05	0·77	3	+3·031	152 59 36·24	0·77	3	−20·05
6	Lacaille 9754 ...	7·8	0 4 25·98	0·83	3	+3·035	145 5 48·42	0·83	3	−20·05
7	Lacaille 9759 ...	7	0 5 15·90	0·83	3	+3·026	146 23 43·12	0·83	3	−20·05
8	Lacaille 9762 ...	7	0 5 46·54	0·84	3	+3·023	145 26 48·33	0·84	3	−20·05
9	Lacaille 9763 ...	7	0 5 50·87	0·78	3	+3·015	149 12 56·64	0·78	3	−20·05
10	Lacaille 3	7·6	0 6 39·44	0·86	3	+3·009	148 36 33·14	0·86	3	−20·05
11	γ Pegasi	3·2	0 6 48·00	0·49	2	+3·083				
12	Lacaille 11	6·7	0 7 39·46	0·83	3	+3·002	147 41 48·50	0·83	3	−20·04
13	Lacaille 13	6	0 8 2·33	0·82	3	+3·003	145 45 50·14	0·82	3	−20·04
14	Lacaille 28	7	0 10 22·33	0·78	3	+2·982	146 9 51·60	0·78	3	−20·04
15	o Octantis	7	0 12 57			−1·490	179 3 28·33	0·69	2	−20·02
16	ι Ceti	3·4	0 13 3·47	0·84	1	+3·054				
17	Lacaille 63	6·7	0 16 34·99	0·78	3	+2·893	151 43 43·63	0 78	3	−20·00
18	Lacaille 69	7	0 17 30·35	0·84	3	+2·928	144 44 53·58	0·84	3	−20·00
19	Lacaille 71	7	0 17 38·11	0·79	3	+2·924	145 13 53·08	0·79	3	−19·99
20	Lacaille 73	7	0 18 9·45	0·79	3	+2·920	145 15 27·95	0·79	3	−19·99
21	Lacaille 77	7	0 18 37·33	0·87	3	+2·919	144 40 33·78	0·88	4	−19·99
22	β Hydri	3	0 19 8·95	0·41	40	+3·275	167 57 30·75	0·85	2	−20·25
23	Lacaille 95	7·6	0 22 14·98	0·83	3	+2·885	145 18 55·81	0·83	3	−19·96
24	Lacaille 102	7	0 22 43·32	0·82	3	+2·882	145 7 22·99	0·82	3	−19·96
25	12 Ceti	6	0 23 39·54	0·83	3	+3·059				
26	Lacaille 107	7	0 24 9·22	0·85	3	+2·824	150 29 9·55	0·85	3	−19·94
27	Lacaille 111	7	0 24 44·08	0·83	3	+2·862	145 39 44·15	0·83	3	−19·94
28	Lacaille 116	7	0 25 27·80	0·86	3	+2·845	146 55 54·86	0·86	3	−19·93
29	Lacaille 119	4	0 25 48·21	0·78	3	+2·769	153 38 49·29	0·78	3	−19·93
30	Lacaille 120	4	0 25 48·90	0·78	3	+2·769	153 39 16·13	0·78	3	−19·93
31	Lacaille 123	5	0 27 1·38	0·85	3	+2·754	153 43 12·31	0·86	4	−19·91
32	Lacaille 130	7·6	0 27 37·93	0·85	3	+2·834	146 1 7·29	0·85	3	−19·91
33	Lacaille 132	7	0 27 49·04	0·83	3	+2·770	151 50 14·09	0·83	3	−19·91
34	Lacaille 135	7	0 28 11·24	0·84	3	+2·812	147 46 30·64	0·84	3	−19·90
35	Lacaille 144	5·6	0 29 42·93	0·81	3	+2·821	145 30 33·50	0·81	3	−19·89

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
36	Lacaille 146.....	7·6	0 30 50·66	0·82	3	+2·739	151 44 11·55	0·82	3	−19·87
37	Lacaille 152.....	6	0 31 28·41	0·81	3	+2·810	145 4 55·40	0·81	3	−19·86
38	B.A.C. 163.....	6·7	0 31 41			+3·069	91 11 28·83	0·78	1	−19·86
39	ε Andromedæ ...	4	0 31 57·15	0·91	2	+3·173				
40	Lacaille 163.....	6·7	0 33 28·81	0·81	3	+2·753	148 39 16·40	0·81	3	−19·84
41	Lacaille 172.....	5	0 34 33·72	0·84	3	+2·722	150 9 24·97	0·84	3	−19·83
42	Lacaille 175.....	7	0 34 45·65	0·84	3	+2·771	146 11 58·01	0·84	3	−19·82
43	Lacaille 180.....	5·6	0 36 4·08	0·86	3	+2·747	147 11 22·05	0·86	3	−19·81
44	Lacaille 182.....	7	0 36 18·60	0·83	3	+2·754	146 28 1·83	0·83	3	−19·80
45	*	7·8	0 36 18·75	0·85	2	+2·754	146 28 8·81	0·85	2	−19·80
46	Lacaille 186.....	6	0 37 4·69	0·87	3	+2·685	150 56 48·39	0·87	3	−19·79
47	β Ceti	2	0 37 18·79	0·72	5	+3·012				
48	Lacaille 190.....	5	0 37 43·86	0·85	3	+2·720	148 8 56·71	0·85	3	−19·78
49	Lacaille 215.....	7	0 40 51·15	0·79	3	+2·684	148 36 40·51	0·79	3	−19·74
50	δ Piscium	4·5	0 42 11·82	0·86	1	+3·101				
51	Lacaille 232.....	7	0 44 26·51	0·69	3	+2·659	148 4 3·97	0·69	3	−19·68
52	Lacaille 240.....	7	0 46 21·26	0·81	3	+2·655	147 15 39·28	0·81	3	−19·65
53	Lacaille 246.....	7	0 47 25·07	0·82	3	+2·499	154 25 20·50	0·82	3	−19·63
54	Lacaille 247.....	6	0 47 42·42	0·83	3	+2·558	151 45 24·72	0·83	3	−19·62
55	*	7·8	0 47 43·22	0·83	3	+2·558	151 45 22·11	0·83	3	−19·62
56	Lacaille 249.....	7	0 48 24·91	0·82	3	+2·668	145 16 20·49	0·82	3	−19·61
57	Lacaille 253.....	6	0 48 25·38	0·73	3	+2·509	153 33 1·63	0·73	3	−19·61
58	Lacaille 254.....	7	0 48 49·83	0·79	3	+2·619	148 4 55·32	0·79	3	−19·60
59	Lacaille 264.....	7	0 51 11·88	0·78	3	+2·447	154 38 27·10	0·78	3	−19·56
60	Lacaille 271.....	5·6	0 53 10·11	0·70	3	+2·509	151 22 21·76	0·70	3	−19·52
61	Lacaille 285.....	6	0 56 10·54	0·80	3	+2·474	151 32 13·74	0·80	3	−19·45
62	ε Piscium.....	4	0 56 27·35	0·84	6	+3·112				
63	Lacaille 288.....	5·6	0 56 44·36	0·81	3	+2·555	147 40 33·90	0·81	3	−19·44
64	Lacaille 297.....	7	0 58 12·84	0·69	3	+2·472	150 45 57·11	0·69	3	−19·41
65	*	7	0 58 13·38	0·69	3	+2·472	150 46 1·39	0·69	3	−19·41
66	Lacaille 316.....	5	1 2 21·36	0·71	3	+2·384	152 26 36·28	0·71	3	−19·32
67	Lacaille 318.....	4	1 3 7·61	0·82	3	+2·535	145 54 52·18	0·82	3	−19·30
68	Lacaille 321.....	6	1 4 9·73	0·80	3	+2·498	147 15 40·86	0·80	3	−19·27
69	Lacaille 323.....	6	1 5 1·11	0·80	3	+2·465	148 21 23·60	0·80	3	−19·25
70	Lacaille 325.....	6·7	1 5 7·60	0·83	3	+2·483	147 31 36·14	0·83	3	−19·25

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
71	ζ Piscium.....	5·6	1 7 12·17	0·92	1	+3·118				
72	Lacaille 340.....	7	1 9 38·86	0·82	3	+2·431	148 2 44·60	0·82	3	−19·14
73	Lacaille 341.....	7	1 9 53·11	0·78	3	+2·471	146 17 40·24	0·78	3	−19·13
74	Lacaille 368.....	7	1 15 1·09	0·82	3	+2·384	148 0 26·25	0·82	3	−18·99
75	Lacaille 369.....	6·7	1 15 29·03	0·83	3	+2·381	147 59 51·98	0·83	3	−18·98
76	Lacaille 389.....	7	1 17 22·21	0·84	3	+2·312	149 46 46·86	0·84	3	−18·92
77	θ Ceti	3	1 17 46·53	0·81	2	+1·996				
78	Lacaille 405.....	7	1 20 36·29	0·82	3	+2·270	150 9 6·56	0·82	3	−18·83
79	η Piscium.....	4·3	1 24 47·77	0·82	3	+3·199				
80	Lacaille 464.....	6	1 29 30·18	0·72	3	+2·269	147 38 33·37	0·72	3	−18·55
81	Lacaille 467.....	6	1 29 42·92	0·82	3	+2·066	153 7 2·16	0·82	3	−18·54
82	Lacaille 468.....	6	1 30 33·68	0·84	3	+2·223	148 46 41·43	0·84	3	−18·51
83	Lacaille 470.....	7	1 30 52·18	0·84	3	+2·310	145 53 1·76	0·84	3	−18·50
84	Lacaille 474.....	7	1 31 20·69	0·76	3	+2·112	151 36 21·51	0·76	3	−18·48
85	Lacaille 479.....	6	1 32 9·88	0·88	3	+2·205	148 54 32·98	0·88	3	−18·46
86	Lacaille 484	1	1 33 3·40	0·88	3	+2·231	147 52 20·51	0·89	4	−18·43
87	Lacaille 487.....	7	1 33 30·95	0·88	3	+2·110	151 8 53·65	0·88	3	−18·41
88	Lacaille 493.....	7	1 34 26·61	0·85	3	+2·246	147 3 48·33	0·85	3	−18·38
89	Lacaille 495.....	5	1 35 2·88	0·87	3	+2·248	146 49 49·01	0·87	3	−18·36
90	*	5·6	1 35 3·69	0·87	3	+2·248	146 49 45·42	0·87	3	−18·36
91	Lacaille 494.....	7	1 35 4·23	0·87	2	+2·280	145 47 3·67	0·89	4	−18·36
92	Lacaille 503.....	7	1 36 5·77	0·75	3	+2·064	151 37 55·11	0·75	3	−18·32
93	Lacaille 507.....	5·6	1 37 30·97	0·87	3	+2·059	151 25 10·37	0·86	4	−18·27
94	Lacaille 512.....	7	1 38 51·47	0·82	3	+2·216	146 51 47·83	0·82	3	−18·22
95	Lacaille 516.....	6	1 40 20·53	0·72	3	+2·022	151 38 47·11	0·72	3	−18·16
96	Lacaille 634.....	6	1 44 49·40	0·92	1	−4·266	175 24 0·13	0·92	1	−17·99
97	Lacaille 544.....	7	1 45 27·73	0·83	3	+2·222	145 5 2·79	0·83	3	−17·97
98	Lacaille 553	7	1 45 57·86	0·84	3	+2·057	149 33 37·36	0·84	3	−17·95
99	β Arietis	3·2	1 47 44·19	0·89	3	+3·297				
100	Lacaille 572.....	7	1 49 50·79	0·84	3	+2·065	148 32 4·12	0·84	3	−17·80
101	Lacaille 584.....	7	1 51 17·13	0·76	4	+1·950	150 55 25·82	0·76	4	−17·74
102	Lacaille 582.....	6·7	1 51 18·41	0·84	3	+2·158	145 41 4·95	0·84	3	−17·74
103	Lacaille 590.....	6	1 51 46·67	0·86	3	+1·919	151 28 31·00	0·86	3	−17·72
104	Lacaille 593	6·7	1 52 24·90	0·84	2	+2·021	149 4 57·91	0·84	2	−17·69
105	Lacaille 605.....	3·2	1 54 49·86	0·86	3	+1·855	152 10 42·89	0·86	3	−17·59

No. 101—Double Star = Herschel 736; observed as one mass; components 7 mag.

No. 103—Double Star, components 7 mag., observed as one mass.

No.	Star's Name.	Magnitude.	Mean R.A. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
106	Lacaille 609.....	6·7	1 55 50·72	0·84	4	+2·126	145 37 8·63	0·84	4	−17·54
107	Lacaille 617.....	7	1 56 48·36	0·88	3	+1·772	153 22 7·27	0·88	3	−17·51
108	Lacaille 614.....	7	1 56 49·99	0·87	3	+2·115	145 44 58·32	0·87	3	−17·50
109	Lacaille 624.....	6·7	1 58 16·01	0·85	3	+1·706	154 13 36·92	0·85	3	−17·44
110	Lacaille 626.....	7·8	1 59 34·44	0·84	3	+2·076	146 15 43·90	0·84	3	−17·39
111	α Arietis.....	2	2 0 7·73	0·72	2	+3·367				
112	Lacaille 630.....	6·7	2 0 11·86	0·88	3	+2·099	145 28 49·31	0·88	3	−17·36
113	Lacaille 635.....	7·8	2 1 24·24	0·88	3	+1·960	148 44 27·03	0·88	3	−17·31
114	Lacaille 650.....	7	2 3 23·71	0·88	3	+1·806	151 34 54·86	0·89	4	−17·22
115	Lacaille 655.....	7	2 3 30·95	0·89	3	+1·871	150 16 23·79	0·89	3	−17·21
116	Lacaille 651.....	7	2 3 36·45	0·87	3	+1·983	147 47 14·21	0·87	3	−17·21
117	Lacaille 654.....	7	2 3 58·49	0·85	3	+2·048	146 7 8·21	0·85	3	−17·19
118	Lacaille 673.....	7	2 6 33·87	0·86	3	+1·771	151 41 12·00	0·86	3	−17·08
119	Lacaille 677.....	7·6	2 7 16·32	0·85	3	+1·865	149 44 27·19	0·85	3	−17·04
120	Lacaille 685	7	2 9 33·04	0·87	3	+1·930	147 55 45·27	0·87	3	−16·93
121	67 Ceti.....	6	2 10 44·91	0·89	11	+2·987				
122	Lacaille 692.....	7	2 11 41·02	0·86	3	+2·001	145 51 35·51	0·86	3	−16·84
123	Lacaille 705.....	7	2 13 27·52	0·85	3	+1·567	153 58 24·31	0·85	3	−16·75
124	Lacaille 717.....	6·5	2 15 51·22	0·88	3	+1·943	146 31 10·40	0·88	3	−16·63
125	Lacaille 722.....	6	2 16 25·53	0·88	3	+1·902	147 21 24·90	0·88	3	−16·61
126	Lacaille 730.....	7	2 17 21·92	0·87	3	+1·585	153 7 8·46	0·87	3	−16·56
127	Lacaille 737.....	6·7	2 18 34·78	0·89	3	+1·739	150 19 44·24	0·89	3	−16·50
128	Lacaille 733.....	7	2 19 0·47	0·90	3	+1·980	145 6 0·02	0·90	3	−16·48
129	Lacaille 739.....	7	2 19 28·73	0·89	3	+1·879	147 22 56·64	0·89	3	−16·46
130	Lacaille 740.....	7	2 19 31·54	0·91	3	+1·976	145 6 38·84	0·91	3	−16·45
131	Lacaille 738.....	6·7	2 19 33·67	0·91	3	+1·931	146 11 12·62	0·91	4	−16·45
132	Lacaille 752.....	5	2 21 24·19	0·85	3	+1·684	150 52 19·46	0·85	3	−16·36
133	ξ^2 Ceti.....	4	2 21 30·87	0·96	9	+3·181				
134	Lacaille 770.....	7	2 24 14·53	0·88	3	+1·778	148 41 58·75	0·88	3	−16·21
135	Lacaille 779.....	6	2 25 9·30	0·88	3	+1·387	154 51 30·07	0·88	3	−16·17
136	Lacaille 782.....	6·7	2 26 32·64	0·86	3	+1·777	148 21 56·44	0·86	3	−16·09
137	Lacaille 794.....	7	2 27 49·07	0·87	3	+1·485	153 8 53·66	0·87	3	−16·03
138	Lacaille 795.....	7	2 27 59·27	0·91	3	+1·379	154 35 57·28	0·91	3	−16·02
139	Lacaille 812.....	6·7	2 30 29·64	0·89	3	+1·461	153 8 9·57	0·89	3	−15·89
140	Lacaille 810.....	6·7	2 30 32·60	0·87	3	+1·567	151 31 53·21	0·87	3	−15·88

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
141	Lacaille 819.....	7·8	2 32 22·69	0·87	3	+1·846	146 3 38·14	0·87	3	−15·78
142	δ Ceti	4	2 33 4·52	0·85	1					
143	*	7·8	2 35 2·75	0·91	3	+1·860	145 22 33·35	0·91	3	−15·64
144	Lacaille 829.....	6·7	2 35 3·67	0·91	3	+1·860	145 22 53·16	0·91	3	−15·64
145	Lacaille 845.....	7·6	2 36 2·64	0 93	3	+1·549	151 5 5·81	0·93	3	−15·58
146	Lacaille 849.....	7	2 36 18·03	0·94	3	+1·607	150 6 16·38	0·94	3	−15·57
147	*	6·7	2 36 22·70	0·96	2	+1·606	150 6 21·69	0·96	3	−15·56
148	Lacaille 847.....	5	2 36 46·19	0·92	3	+1·862	145 5 8·79	0·92	3	−15·54
149	Lacaille 858.....	6·7	2 36 48·97	0·95	4	+1·397	153 13 58·22	0·95	4	−15·54
150	γ^3 Ceti.....	3·4	2 36 49·45	0·86	8	+3·101				
151	Lacaille 863.....	6	2 36 50·55	0·95	3	+1·274	154 49 9·85	0·95	3	−15·54
152	Lacaille 862.....	6·7	2 37 53·95	0·94	3	+1·772	146 49 49·87	0·94	3	−15·48
153	Lacaille 868.....	7·8	2 38 52·20	0·86	3	+1·748	147 10 20·31	0·86	3	−15·43
154	Lacaille 885.....	7	2 40 46·55	0·88	3	+1·346	153 26 48·83	0·88	3	−15·32
155	Lacaille 889.....	7	2 42 6·99	0·87	3	+1·745	146 47 31·40	0·87	3	−15·24
156	Lacaille 896.....	6	2 42 47·28	0·95	3	+1·268	154 13 45·36	0·95	3	−15·20
157	σ Arietis	6	2 44 35·55	0·92	1	+3·300				
158	*	7	2 45 18·33	0·95	2	+1·303	153 28 51·76	0·94	3	−15·06
159	Lacaille 911.....	7	2 46 13·06	0·87	3	+1·775	145 39 3·82	0·87	3	−15·01
160	Lacaille 919.....	6·7	2 47 39·36	0·93	3	+1·659	147 42 25·25	0·93	3	−14·93
161	Lacaille 917.....	7	2 47 40·29	0·87	3	+1·768	145 35 24·31	0·87	3	−14·92
162	Lacaille 927.....	7	2 48 42·77	0·90	3	+1·663	147 30 21·04	0·90	3	−14·86
163	Lacaille 934	6·7	2 49 1·55	0·92	3	+1·225	154 3 8·78	0·92	3	−14·84
164	Lacaille 937.....	6	2 49 37·70	0·94	3	+1·270	153 25 15·52	0·94	3	−14·81
165	Lacaille 941.....	6·7	2 50 45·27	0·93	3	+1·709	146 23 21·59	0·93	3	−14·74
166	*	7	2 51 45·85	0·93	2	+1·244	153 30 44·12	0·93	2	−14·68
167	Lacaille 961.....	6	2 52 18·84	0·94	3	+1·157	154 30 41·70	0·94	3	−14·65
168	*	7·8	2 52 29·57	0·94	3	+1·152	154 32 56·13	0·94	3	−14·64
169	Lacaille 960.....	6·7	2 53 59·15	0·88	3	+1·733	145 30 57·61	0·88	3	−14·55
170	*	6	2 54 27·38	0·94	1	+1·220	153 32 11·32	0·94	1	−14·52
171	Lacaille 970... ..	6·7	2 55 35·81	0·90	3	+1·695	146 3 44·14	0·90	3	−14·45
172	α Ceti	2·3	2 55 44·73	0·95	7	+3·129				
173	Lacaille 973.....	7	2 57 9·62	0·90	3	+1·435	150 18 55·45	0·90	3	−14·35
174	Lacaille 977.....	7	2 59 1·18	0·87	3	+1·705	145 27 33·27	0·87	3	−14·24
175	Lacaille 985.....	6·7	3 0 6·00	0·91	3	+1·346	151 17 13·15	0·91	3	−14·17

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
176	Lacaille 987.....	7	3 0 23·45	0·93	3	+1·470	149 25 14·90	0·93	3	−14·16
177	Lacaille 989.....	5	3 0 40·09	0·94	3	+1·415	150 13 24·16	0·94	3	−14·14
178	Brisbane 477 ...	7·6	3 1 1·09	0·88	1	+1·336	151 19 40·56	0·88	1	−14·12
179	Lacaille 992.....	7	3 1 38·70	0·93	3	+1·569	147 39 2·44	0·93	3	−14·08
180	Lacaille 994.....	7	3 1 49·91	0·93	3	+1·376	150 40 52·82	0·93	3	−14·07
181	Lacaille 998.....	7	3 4 4·36	0·87	3	+1·574	147 18 13·71	0·87	3	−13·93
182	δ Arietis	4·5	3 4 29·08	0·94	3	+3·420				
183	Lacaille 1007 ...	7·6	3 5 1·49	0·91	3	+1·241	152 11 52·33	0·91	3	−13·87
184	Lacaille 1012 ...	7	3 6 22·36	0·93	3	+1·634	145 57 43·24	0·93	3	−13·78
185	Lacaille 1023 ...	7	3 7 31·49	0·92	3	+1·493	148 16 55·16	0·92	3	−13·71
186	Lacaille 1033 ...	6·7	3 7 51·42	0·93	3	+1·034	154 23 11·99	0·93	3	−13·69
187	Lacaille 1032 ...	7	3 8 44·50	0·92	3	+1·569	146 52 21·56	0·92	3	−13·63
188	Lacaille 1040 ...	5·6	3 9 23·03	0·93	3	+1·512	147 47 25·19	0·93	3	−13·59
189	Lacaille 1049 ...	7	3 10 23·67	0·91	3	+1·579	146 31 51·53	0·91	3	−13·52
190	Lacaille 1057 ...	6·7	3 12 2·33	0·90	3	+1·353	149 58 34·36	0·90	3	−13·42
191	Lacaille 1069 ...	6·7	3 13 11·80	0·92	3	+0·941	154 54 10·38	0·92	3	−13·34
192	Lacaille 1074 ...	5·6	3 15 3·68	0·94	5	+1·095	153 3 14·45	0·94	5	−13·22
193	Lacaille 1073 ...	7·8	3 15 8·33	0·94	3	+1·566	146 16 38·18	0·94	3	−13·22
194	Lacaille 1077 ...	5·6	3 15 30·13	0·95	3	+1·097	152 59 1·93	0·95	3	−13·19
195	Lacaille 1078 ...	7	3 15 54·05	0·93	3	+1·431	148 26 11·88	0·93	3	−13·16
196	Lacaille 1120 ...	7	3 23 2·32	0·87	3	+1·575	145 19 47·24	0·87	3	−12·69
197	*f* Tauri	4	3 23 58·42	0·71	4	+3·305				
198	Lacaille 1129 ...	6·7	3 25 23·80	0·91	3	+1·381	148 18 47·73	0 91	3	−12·52
199	ε Eridani	3	3 27 2·48	0·92	4	+2·822				
200	Lacaille 1136 ...	7	3 27 5·83	0·93	3	+1·559	145 14 11·71	0·93	3	−12·41
201	Lacaille 1143 ...	6	3 27 11·91	0·04	2	+0·977	153 22 43·17	0·04	2	−12·40
202	Lacaille 1142 ...	7·6	3 28 4·74	0·92	3	+1·529	145 40 28·68	0·92	3	−12·34
203	Lacaille 1150 ...	7·6	3 28 38·97	0·95	3	+1·050	152 25 59·00	0·95	3	−12·30
204	Lacaille 1149 ...	7·6	3 28 50·71	0·95	4	+1·222	150 16 49·48	0·95	4	−12·29
205	Lacaille 1158 ...	7	3 30 15·76	0·91	3	+1·157	150 59 48·29	0·91	3	−12·19
206	Lacaille 1159 ...	6·7	3 30 28·68	0·95	3	+1·121	151 26 17·96	0·95	3	−12·17
207	Lacaille 1168 ...	7	3 30 47·97	0·95	3	+1·344	148 23 39·68	0·95	3	−12·15
208	Lacaille 1170 ...	7	3 32 18·42	0·95	5	+1·347	148 13 36·56	0·95	5	−12·05
209	Lacaille 1179 ...	7·6	3 32 34·06	0·66	4	+0·976	152 58 24·49	0·66	3	−12·03
210	Brisbane 593 ...	6	3 34 34·77	0·96	3	−2·351	168 46 9·80	0·96	3	−11·89

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
211	Lacaille 1192 ...	7	3 35 13·41	0·96	3	+1·366	147 41 35·91	0·96	3	−11·84
212	Lacaille 1193 ...	7	3 35 31·17	0·62	3	+1·438	146 33 2·99	0·62	3	−11·82
213	*	8·7	3 35 32·52	0 95	2	+1·187	150 11 (5)			
214	Lacaille 1197 ...	6	3 35 40·07	0·95	4	+1·187	150 11 5·35	0·95	4	−11·81
215	Lacaille 1200 ...	6·7	3 36 39·94	0·92	3	+1·426	146 38 20·61	0·92	3	−11·74
216	Lacaille 1201 ...	7	3 36 41·22	0·93	3	+1·432	146 33 7·58	0·93	3	−11·74
217	Lacaille 1202 ...	7	3 36 57·08	0·97	3	+1·467	145 57 0·96	0·97	3	−11·72
218	Lacaille 1209 ...	7	3 37 29·54	0·97	3	+1·402	146 57 20·14	0·97	3	−11·68
219	*	8·7	3 37 55·32	0·04	1	+1·429	146 29 3·13	0·04	1	−11·65
220	η Tauri	3	3 40 3·42	0·06	1	+3·553				
221	Lacaille 1243 ...	7	3 40 56·63	0·03	1	+0·760	154 35 30·17	0·03	1	−11·44
222	Lacaille 1241 ...	7	3 41 55·34	0·92	3	+1·394	146 43 28·46	0·92	3	−11·37
223	Lacaille 1242 ...	7	3 42 0·09	0·63	3	+1·372	147 3 8·26	0·63	3	−11·36
224	Lacaille 1257 ...	7	3 43 27·51	0·64	3	+0·792	154 6 59·74	0·64	3	−11·25
225	Lacaille 1262 ...	7	3 45 1·24	0·63	3	+1·292	148 0 50·15	0·63	3	−11·14
226	Lacaille 1266 ...	6·7	3 45 47·59	0·90	3	+1·458	145 22 56·16	0·90	3	−11·08
227	Lacaille 1289 ...	7	3 48 41·27	0·31	3	+1·364	146 40 6·36	0·31	3	−10·87
228	Lacaille {1300 / 1303}	7	3 50 21·11	0·57	5	+1·447	145 13 11·63	0·57	5	−10·75
229	Lacaille 1305 ...	7	3 50 45·46	0·34	3	+1·347	146 46 57·95	0·34	3	−10·72
230	γ^1 Eridani.....	3	3 52 11·78	0·80	11	+2·794				
231	Lacaille 1321 ...	7	3 53 16·52	0·93	3	+0·997	151 16 14·48	0·93	3	−10·53
232	Lacaille 1327 ...	6	3 54 26·75	0·63	3	+0·750	153 49 33·62	0·48	4	−10·44
233	Lacaille 1330 ...	5·6	3 56 1·90	0·94	3	+1·276	147 27 28·18	0·94	3	−10·33
234	Lacaille 1338 ...	4	3 56 46·15	0·75	4	+0·935	151 45 14·24	0·75	4	−10·27
235	Lacaille 1335 ...	6·7	3 56 51·71	0·34	3	+1·315	146 49 38·59	0·34	3	−10·26
236	Lacaille 1349 ...	7·6	3 58 7·19	0·95	3	+0·883	152 14 42·29	0·95	3	−10·17
237	Lacaille 1347 ...	6·7	3 58 19·50	0·95	3	+1·153	149 0 41·67	0·95	3	−10·15
238	Lacaille 1351 ...	7	3 59 1·38	0·96	3	+1·256	147 34 6·58	0·96	3	−10·10
239	Lacaille 1357 ...	5	3 59 5·49	0·35	3	+0·853	152 30 31·96	0·35	3	−10·10
240	Lacallle 1355 ..	4·5	3 59 16·73	0 97	3	+0·950	151 25 46·32	0·97	3	−10·08
241	Lacaille 1359 ...	7	4 0 14·23	0·98	3	+1·232	147 48 15·16	0·98	3	−10·01
242	Lacaille 1364 ...	6·7	4 0 24·82	0·97	3	+0·919	151 42 17·64	0·97	3	−10·00
243	*	7·8	4 0 37·16	0·98	2	+1·074	149 52 41·42	0·98	2	− 9·98
244	Lacaille 1365 ...	7	4 0 38·52	0·97	3	+1·070	149 55 24·28	0·97	3	− 9·98
245	Lacaille 1363 ...	7	4 1 1·20	0·95	2	+1·368	145 44 29·63	0·96	3	− 9·95

No. 213.—Nearly on the same parallel as 1197.

No.	Star's Name.	Magnitude.	Mean R.A. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fract o: of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	o ′ ″			″
246	Lacaille 1375 ...	7	4 3 7·28	0·06	1	+1·145	148 48 58·74	0·06	1	— 9·79
247	Lacaille 1378 ...	7	4 4 0·73	0·05	1	+1·030	150 12 38·55	0·34	3	— 9·72
248	Lacaille 1386 ...	7	4 5 30·30	0·93	3	+1·130	148 51 28·88	0·93	3	— 9·61
249	o^1 Eridani	4·5	4 5 45·82	0·65	4	+2·923				
250	Lacaille 1592 ...	6·7	4 5 56				175 37 36·00	0·93	1	— 9·58
251	Lacaille 1392 ...	6	4 6 0·19	0·93	3	+0·602	154 33 51·90	0·93	3	— 9·57
252	Lacaille 1403 ...	7	4 8 18·53	0·06	3	+0·858	151 55 12·32	0·06	3	— 9·39
253	Lacaille 1413 ...	6·7	4 11 15·48	0·32	3	+1·144	148 20 18·55	0·32	3	— 9·16
254	Lacaille 1412 ...	7	4 11 30·79	0·33	3	+1·275	146 29 33·25	0·33	3	— 9·14
255	Lacaille 1423 ...	4	4 12 48·97	0·34	3	+0·752	152 47 14·08	0·34	3	— 9·04
256	Lacaille 1425 ...	6	4 13 9·71	0·92	3	+0·778	152 30 21·88	0·92	3	— 9·01
257	Lacaille 1428 ...	5	4 14 19·70	0·36	3	+1·031	149 36 11·70	0·36	3	— 8·92
258	Lacaille 1430 ...	6	4 14 27·71	0·93	3	+0·889	151 15 21·94	0·93	3	— 8·91
259	Lacaille 1432 ...	7	4 15 20·97	0·35	3	+1·260	146 29 24·59	0·35	3	— 8·84
260	Lacaille 1439 ...	7	4 15 29·07	0·94	3	+0·542	154 37 18·47	0·95	4	— 8·83
261	Lacaille 1443 ...	6·7	4 16 16·41	0·51	4	+0·655	153 33 33·17	0·41	5	— 8·77
262	Lacaille 1457 ...	7	4 18 55·60	0·35	3	+0·651	153 28 8·89	0·35	3	— 8·56
263	Lacaille 1456 ...	7·8	4 19 49·16	0·34	3	+1·317	145 23 18·24	0·34	3	— 8·49
264	Lacaille 1473 ...	4·5	4 20 32·44	0·34	3	+0·620	153 41 0·55	0·34	3	— 8·43
265	ε Tauri.....	4·3	4 21 19·13	0·34	3	+3·493				
266	Lacaille 1476 ...	6·7	4 21 40·67	0·67	3	+1·161	147 32 22·89	0·67	3	— 8·34
267	Lacaille 1469 ...	7	4 21 41·20	0·65	3	+1·262	146 7 14·82	0·65	3	— 8·34
268	*	7	4 21 45·29	0·74	4	+1·174	147 21 21·26	0·51	4	— 8·34
269	Lacaille 1475 ...	7·6	4 21 46·13	0·66	3	+1·174	147 21 17·00	0·50	4	— 8·34
270	Lacaille 1496 ...	6	4 23 21·39	0·06	2	+0·824	151 31 17·84	0·06	2	— 8·21
271	Lacaille 1490 ...	7	4 23 53·58	0·34	3	+1·296	145 29 23·78	0·34	3	— 8·17
272	Lacaille 1510 ...	7	4 24 2·60	0·66	3	+0·526	154 22 22·00	0·66	3	— 8·15
273	Lacaille 1519 ...	6·7	4 25 42·75	0·04	3	+0·659	153 4 36·19	0·04	3	— 8·02
274	Lacaille 1523 ...	6	4 26 18·92	0·34	3	+0·686	152 47 46·63	0·34	3	— 7·97
275	Lacaille 1520 ...	7	4 26 53·69	0·36	3	+1·148	147 27 33·38	0·28	4	— 7·92
276	α Tauri	1	4 28 44·95	0·70	12	+3·436				
277	Lacaille 1535 ...	6·7	4 29 25·74	0·35	3	+0·932	150 1 57·31	0·35	3	— 7·72
278	Lacaille 1536 ...	7	4 30 6·53	0·06	4	+1·250	145 51 48·00	0·06	4	— 7·66
279	Lacaille 1542 ...	7·8	4 30 14·44	0·96	3	+0·782	151 38 52·02	0·96	3	— 7·65
280	Lacaille 1539 ...	3·4	4 31 17·74	0·64	3	+1·284	145 18 14·65	0·64	3	— 7·57

No. 261.—Lacaille 1443. Double Star observed as one mass. From a single observation it would appear that the N.P.D. of the smaller Star is nearly 4″ less than that of the brighter Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
281	Lacaille 1551 ...	6·7	4 32 15·81	0 34	3	+0·630	153 4 52·19	0·27	4	— 7·49
282	Lacaille 1546 ...	7	4 32 45·63	0·63	3	+1·290	145 8 53·88	0·63	3	— 7·45
283	Lacaille 1554 ...	7·8	4 32 48·32	0·97	3	+0·828	151 3 29·87	0·97	3	— 7·45
284	Lacaille 1567 ...	6	4 35 18·42	0·04	3	+0·695	152 19 26·61	0·04	3	— 7·24
285	Lacaille 1566 ...	6	4 35 57·13	0·35	3	+1·040	148 27 5·10	0·35	3	— 7·19
286	Lacaille 1839 ...	7	4 36 20·89	0·07	1	−17·600	176 32 33·95	0·98	1	— 7·16
287	Lacaille 1573 ...	7	4 36 51·12	0·35	3	+0·974	149 13 31·97	0·35	3	— 7·12
288	Lacaille 1582 ...	6·7	4 37 25·79	0·37	3	+0·656	152 37 23·03	0·37	3	— 7·07
289	Lacaille 1583 ...	7	4 38 14·77	0·05	3	+0·972	149 11 25·40	0·05	3	— 7·00
290	Lacaille 1581 ...	7	4 38 18·10	0·65	3	+1·196	146 16 18·22	0·65	3	— 7·00
291	Lacaille 158 ..	7	4 39 19·43	0·37	3	+1·278	145 2 18·22	0·37	3	— 6·91
292	Lacaille 1591 ...	7	4 39 40·77	0·33	3	+1·185	146 21 23·46	0·33	3	— 6·89
293	*	7	4 41 10·16	0·03	1	+0·554	153 26 59·37	0·03	1	— 6·76
294	Lacaille 1614 ...	5 6	4 42 28·34	0·06	3	+0·891	149 57 45·78	0·06	3	— 6·66
295	Lacaille 1612 ...	7	4 42 32·69	0·06	3	+1·165	146 31 14·05	0·06	3	— 6·65
296	Lacaille 1629 ...	7·6	4 43 48·82	0·06	3	+0·543	153 27 19·18	0·06	3	— 6·54
297	Lacaille 1623 ...	7	4 44 27·01	0·36	3	+1·197	146 0 11·08	0·36	3	— 6·49
298	Lacaille 1636 ...	7	4 44 54·04	0·36	3	+0·502	153 46 59·51	0·36	3	— 6·46
299	Lacaille 1632 ...	6·7	4 45 8·79	0·66	3	+0·935	149 21 29·29	0·66	3	— 6·44
300	Lacaille 1634 ...	7·6	4 45 9·77	0·94	3	+0·804	150 49 44·04	0·94	3	— 6·43
301	Lacaille 1638 ...	7	4 45 49·73	0·96	3	+0·719	151 41 39·84	0·96	3	— 6·38
302	Lacaille 1635 ...	7	4 45 50·75	0·97	3	+1·118	147 2 6·70	0·97	3	— 6·38
303	Lacaille 1640 ...	6·7	4 46 43·38	0·66	4	+1·127	146 52 58·29	0·66	4	— 6·30
304	Lacaille 1649 ...	7·6	4 47 2·05	0·66	3	+0·830	150 28 27·82	0·66	3	— 6·28
305	Lacaille 1655 ...	6·7	4 47 2·32	0·65	3	+0·504	153 41 46·83	0·65	3	— 6·28
306	Lacaille 1656 ...	7·6	4 48 6·58	0·04	3	+0·955	149 0 51·22	0·04	3	— 6·19
307	ι Aurigæ	3	4 48 51·34	0·98	1	+3·896				
308	Lacaille 1661 ...	7	4 49 58·93	0·05	3	+1·189	145 54 10·95	0·05	3	— 6·03
309	Lacaille 1680 ...	7	4 50 55·37	0·67	3	+0·697	151 44 40·28	0·67	3	— 5·95
310	Lacaille 1670 ...	7	4 51 22·69	0·07	4	+1·065	147 32 0·98	0·07	4	— 5·92
311	*	7	4 51 27·56	0·68	3	+0·711	151 35 12·20	0·68	3	— 5·91
312	Lacaille 1679 ...	6	4 52 50·10	0·36	3	+0·963	148 44 53·99	0·36	3	— 5·79
313	Lacaille 1683 ...	7	4 53 55·09	0·58	5	+1·127	146 37 21·03	0·58	5	— 5·70
314	Lacaille 1816 S.P.	7	4 53 57·45	0·24	2	−8·580	173 43 18·73	0·24	2	— 5·70
315	*	8	4 54 26·78	0·99	1	+0·731	151 17 21·08	0·98	2	— 5·66

No. 289—Double Star = Herschel 1762.

No. 301—Double Star; companion 9 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
316	Lacaille 1689 ...	7	4 54 30·63	0·67	3	+1·128	146 34 56·45	0·67	3	− 5·65
317	Lacaille 1696 ...	6·7	4 55 2·08	0·35	3	+0·997	148 15 53·10	0·35	3	− 5·61
318	Lacaille 1708 ...	7	4 55 52·39	0·67	3	+1·003	148 9 24·75	0·67	3	− 5·54
319	Lacaille 1709 ...	6	4 55 58·15	0·73	4	+0·984	148 23 50·67	0·66	3	− 5·53
320	Lacaille 1706 ...	7	4 57 24·71	0·75	4	+0·722	151 17 9·25	0·75	4	− 5·41
321	Lacaille 1716 ...	7	4 58 4·47	0·06	3	+1·027	147 47 28·44	0·06	3	− 5·35
322	Lacaille 1729 ...	7	4 59 45·88	0·08	3	+0·357	154 34 20·71	0·08	3	− 5·22
323	Lacaille 1725 ...	6·7	4 59 55·01	0·38	3	+1·137	146 16 58·95	0·38	3	− 5·20
324	ε Leporis	4·3	5 0 10·13	0·33	7	+2·536				
325	Lacaille 1730 ...	7	5 1 27·03	0·33	3	+1·120	146 28 37·35	0·33	3	− 5·07
326	Lacaille 1734 ...	7	5 2 13·03	0·96	3	+1·176	145 40 20·18	0·96	3	− 5·00
327	Lacaille 1736 ...	7	5 2 35·97	0·34	3	+1·179	145 37 11·15	0·34	3	− 4·97
328	Lacaille 1742 ...	7	5 2 43·22	0·51	2	+1·012	147 50 33·47	0·36	3	− 4·96
329	Lacaille 1739 ...	7	5 3 3·22	0·97	3	+1·081	146 56 57·20	0·97	3	− 4·93
330	Lacaille 1741 ...	7	5 3 11·51	0·70	3	+1·049	147 21 44·93	0·70	3	− 4·92
331	Lacaille 1744 ...	5	5 3 22·09	0·98	3	+1·026	147 38 38·42	0·98	3	− 4·91
332	Lacaille 1756 ...	7	5 4 2·83	0·67	3	+0·326	154 42 49·28	0·67	3	− 4·86
333	Lacaille 1757 ...	7	5 5 1·36	0·07	3	+0·819	150 2 28·47	0·07	3	− 4·77
334	Lacaille 1751 ...	6·7	5 5 3·70	0·07	3	+1·207	145 9 10·00	0·07	3	− 4·76
335	Lacaille 1766 ...	7	5 5 52·74	0·97	3	+0·631	151 57 59·27	0·97	3	− 4·69
336	Lacaille 1761 ...	7	5 6 16·21	0·68	3	+1·059	147 8 50·99	0·68	3	− 4·66
337	Lacaille 1772 ...	6	5 6 35·49	0·10	3	+0·457	153 33 27·10	0·10	3	− 4·63
338	β Orionis	1	5 8 31·81	0·50	13	+2·880				
339	Lacaille 1789 ...	7	5 8 45·06	0·04	3	+0·407	153 56 0·61	0·04	3	− 4·45
340	Lacaille 1794 ...	6·7	5 11 2·07	0·06	3	+1·156	145 42 35·29	0·06	3	− 4·25
341	Lacaille 1801 ...	6·7	5 11 33·64	0·05	3	+0·833	149 43 49·04	0·05	3	− 4·21
342	Lacaille 1921 S.P.	6	5 13 10·52	0·21	1	−7·054	172 37 58·17	0·21	1	− 4·07
343	β Tauri	2	5 18 23·42	0·80	6	+3·789				
344	Lacaille 1837 ...	7	5 18 26·34	0·04	3	+1·131	145 53 9·64	0·04	3	− 3·62
345	Lacaille 1845 ...	7	5 18 57·51	0·07	3	+1·074	146 38 23·13	0·07	3	− 3·57
346	Lacaille 1851 ...	6	5 18 59·00	0·06	3	+0·708	150 54 9·84	0·06	3	− 3·57
347	Lacaille 1841 ...	7	5 18 59·91	0·05	3	+1·095	146 22 2·76	0·05	3	− 3·57
348	*	7	5 19 15·10	0·12	1	+0·948	148 13 36·91	0·12	1	− 3·55
349	Lacaille 1853 ...	5·6	5 20 4·12	0·08	3	+1·102	146 15 9·71	0·08	3	− 3·48
350	Lacaille 1866 ...	7	5 20 14·37	0·10	3	+0·349	154 11 42·67	0·10	3	− 3·46

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
351	Lacaille 1871 ...	7	5 20 21·81	0·11	2	+0·317	154 27 26·22	0·11	3	− 3·45
352	Lacaille 1858 ...	7	5 20 41·98	0·12	3	+1·049	146 55 57·89	0·12	3	− 3·42
353	*	7	5 22 1·87	0·12	3	+0·945	148 12 24·14	0·12	3	− 3·31
354	Lacaille 1873 ...	7	5 22 53·46	0·41	3	+0·938	148 16 40·29	0·41	3	− 3·23
355	Lacaille 1879 ...	7	5 23 40·98	0·06	3	+1·062	146 42 32·13	0·06	3	− 3·17
356	Lacaille 1882 ...	6·7	5 24 10·64	0·05	3	+0·903	148 40 2·16	0·05	3	− 3·12
357	Lacaille 1885 ...	5·6	5 24 29·79	0·05	3	+0·872	149 1 6·50	0·05	3	− 3·09
358	δ Orionis.....	2	5 25 37·24	0·57	7	+3·064				
359	Lacaille 1898 ...	7	5 26 1·77	0·09	3	+0·309	154 25 37·54	0·09	3	− 2·96
360	Lacaille 1897 ...	7	5 26 9·54	0·09	3	+0·734	150 30 46·71	0·09	3	− 2·95
361	α Leporis.....	3	5 27 12·95	0·22	5	+2·646				
362	Lacaille 1908 ...	6·7	5 28 9·24	0·11	3	+0·539	152 24 30·27	0·11	3	− 2·78
363	Lacaille 1907 ...	6·7	5 28 38·38	0·10	3	+1·013	147 15 6·59	0·10	3	− 2·74
364	Lacaille 1922 ...	6	5 29 30·98	0·09	3	+0·353	154 1 15·70	0·09	3	− 2·66
365	ε Orionis.....	2	5 29 52·27	0·36	9	+3·041				
366	Lacaille 1929 ...	7	5 31 14·88	0·11	3	+1·056	146 39 24·88	0·11	3	− 2·51
367	Lacaille 1923 ...	6·7	5 31 15·83	0·08	3	+1·179	144 59 10·29	0·08	3	− 2·51
368	Lacaille 1932 ...	6·7	5 31 26·81	0·11	3	+1·016	147 10 4·82	0·11	3	− 2·49
369	Lacaille 1942 ...	7	5 32 1·23	0·11	3	+0·406	153 32 23·88	0·11	3	− 2·45
370	Lacaille 1949 ...	5	5 32 18·87	0·12	3	+0·313	154 18 37·67	0·12	3	− 2·42
371	Lacaille 1948 ...	3·4	5 32 32·59	0·12	3	+0·515	152 34 18·60	0·12	3	− 2·40
372	Lacaille 1947 ...	7	5 33 14·31	0·12	3	+0·867	148 57 1·47	0·12	3	− 2·34
373	Lacaille 1958 ...	7	5 33 40·84	0·09	3	+0·679	150 58 13·12	0·09	3	− 2·30
374	Lacaille 1957 ...	7	5 34 18·43	0·08	3	+0·984	147 32 4·84	0·08	3	− 2·24
375	Lacaille 1959 ...	7	5 34 39·26	0·08	3	+1·083	146 15 44·17	0·08	3	− 2·21
376	α Columbæ.....	2	5 35 7·33	0·04	1	+2·179				
377	Lacaille 1971 ...	6·7	5 36 30·55	0·05	3	+0·843	149 11 8·47	0·05	3	− 2·05
378	Lacaille 1975 ...	7	5 37 19·73	0·07	3	+0·856	149 1 30·48	0·07	3	− 1·98
379	*	8	5 38 15·47	0·09	1	+1·078	146 16 48·19	0·09	1	− 1·90
380	Lacaille 1983 ...	7	5 39 25·64	0·11	5	+1·061	146 29 53·08	0·11	5	− 1·80
381	*	8·7	5 40 42·99	0·11	2	+1·074	146 18 42·74	0·11	2	− 1·69
382	Lacaille 2009 ...	7·6	5 40 59·39	0·05	3	+0·461	152 58 13·98	0·05	3	− 1·66
383	ε Orionis.....	3·2	5 41 49·67	0·13	1	+2·844				
384	Lacaille 2004 ...	7	5 41 54·19	0·22	6	+1·115	145 44 55·42	0·22	6	− 1·58
385	Lacaille 2010 ...	7	5 42 12·26	0·07	3	+1·022	146 58 4·41	0·07	3	− 1·56

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
386	Lacaille 2012 ...	7	5 42 55·95	0·68	3	+1·113	145 46 19·47	0·68	3	− 1·49
387	Lacaille 2014 ...	7·6	5 43 10·08	0·07	4	+1·123	145 37 32·41	0·07	4	− 1·47
388	Lacaille 2025 ...	7	5 44 5·87	0·09	3	+1·096	145 58 53·07	0·09	3	− 1·39
389	Lacaille 2053 ...	5	5 47 33·42	0·05	3	+1·078	146 11 55·38	0·05	3	− 1·09
390	Lacaille 2055 ...	7	5 47 47·04	0·09	3	+1·157	145 7 2·94	0·09	3	− 1·07
391	Lacaille 2056 ...	7	5 47 49·48	0·06	3	+1·119	145 38 50·50	0·06	3	− 1·06
392	*	6·7	5 47 51·34	0·09	3	+1·159	145 5 19·66	0·09	3	− 1·06
393	α Orionis.....	var.	5 48 24·29	0·22	7	+3·246				
394	Lacaille 2077 ...	7	5 50 5·57	0·08	5	+1·055	146 29 23·08	0·09	4	− 0·87
395	Lacaille 2080 ...	5	5 50 14·49	0·09	3	+1·001	147 10 48·47	0·08	4	− 0·85
396	Lacaille 2083 ...	7	5 50 29·61	0·10	3	+0·941	147 55 45·07	0·10	3	− 0·83
397	*	7·8	5 50 32·63	0·10	2	+0·942	147 54 57·28	0·10	2	− 0·83
398	Lacaille 2091 ...	6	5 50 42·20	0·09	3	+0·326	154 3 41·22	0·09	3	− 0·81
399	Lacaille 2095 ...	7	5 52 30·60	0·07	3	+0·754	150 2 30·69	0·07	3	− 0·66
400	Lacaille 2106 ...	5	5 53 8·83	0·08	3	+0·435	153 7 41·23	0·08	3	− 0·60
401	Lacaille 2102 ...	7·6	5 53 16·99	0·11	3	+0·792	149 37 38·04	0·11	3	− 0·59
402	Lacaille 2113 ...	7·6	5 53 38·13	0·15	3	+0·270	154 30 11·26	0·15	3	− 0·56
403	*	7·8	5 53 38·91	0·15	5	+1·050	146 32 30·14	0·17	3	− 0·56
404	Lacaille 2100 ...	7	5 53 43·96	0·13	5	+1·048	146 34 19·41	0·14	3	− 0·55
405	Lacaille 2296 ...	6	5 54 27·45	0·08	1	−11·732	174 50 27·30	0·53	2	− 0·49
406	1 Geminorum...	5	5 56 31·33	0·10	1	+3·647				
407	*	7	5 58 10·72	0·43	3	+0·711	150 29 13·22	0·43	3	− 0·16
408	Lacaille 2133 ...	6	5 58 40·07	0·07	3	+0·924	148 6 15·20	0·07	3	− 0·12
409	*	8·7	5 58 58·12	0·59	2	+0·710	150 29 33·41	0·59	2	− 0·09
410	Lacaille 2147 ...	6·7	5 59 31·06	0·10	3	+0·293	154 18 41·93	0·10	3	− 0·04
411	Lacaille 2139 ...	7	5 59 34·64	0·09	3	+1·015	146 59 2·06	0·09	3	− 0·04
412	Lacaille 2146 ...	6	5 59 45·39	0·12	3	+0·711	150 29 4·22	0·12	3	− 0·02
413	*	7·8	6 0 4·30	0·16	1	+1·012	147 1 32·80	0·16	1	+ 0·01
414	ν Orionis.....	5·4	6 0 26·12	0·39	3	+3·426				
415	Lacaille 2155 ...	6·7	6 0 35·51	0·10	3	+0·748	150 5 35·48	0·10	3	+ 0·05
416	*	7	6 0 35·58	0·17	3	+1·018	146 56 20·40	0·17	3	+ 0·05
417	Lacaille 2175 ...	7	6 1 26·74	0·14	3	+0·224	154 51 13·51	0·14	3	+ 0·13
418	Lacaille 2169 ...	6·7	6 2 52·59	0·08	3	+1·074	146 13 20·42	0·08	3	+ 0·2
419	Lacaille 2187 ...	7	6 5 17·02	0·08	3	+1·114	145 41 7·57	0·08	3	+ 0·46
420	Lacaille 2201 ...	5	6 7 51·94	0·13	4	+1·168	144 56 29·67	0·13	4	+ 0·69

No. 395 : Lacaille 2080.—Double Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
421	Lacaille 2205 ...	8	6 8 10·85	0·57	4	+1·156	145 7 15·44	0·57	4	+ 0·72
422	*	7	6 8 37·13	0·71	3	+0·199	155 3 36·08	0·71	3	+ 0·75
423	Lacaille 2215 ...	7	6 9 35·78	0·08	4	+0·615	151 28 11·24	0·08	3	+ 0·84
424	Lacaille 2224 ...	6	6 11 14·85	0·06	3	+0·636	151 16 17·07	0·06	3	+ 0·98
425	Lacaille 2222 ...	6	6 11 32·28	0·08	3	+1·026	146 52 47·66	0·08	3	+ 1·01
426	*	7·8	6 11 34·12	1·00	1	+0·141	155 30 48·62	1·00	1	+ 1·01
427	Brisbane 1201 ...	6	6 11 52·99	0·99	3	+0·143	155 29 59·73	0·99	3	+ 1·04
428	*	7	6 11 55·95	0·99	2	+0·142	155 30 8 65	0·99	2	+ 1·04
429	*	7	6 14 30·29	0·10	3	+0·837	149 9 55·29	0·10	3	+ 1·27
430	Lacaille 2242 ...	6	6 14 34·93	0·10	3	+0·838	149 9 20·16	0·10	3	+ 1·28
431	Lacaille 2239 ...	7	6 14 42·52	0·15	3	+1·142	145 21 0·24	0·15	3	+ 1·29
432	μ Geminorum ...	3	6 15 23·96	0·39	3	+3·632				
433	*	7	6 16 31·08	0·16	3	+1·023	146 56 50·94	0·16	3	+ 1·43
434	Lacaille 2273 ...	7	6 17 7·43	0·09	3	+0·342	153 58 38·95	0·09	3	+ 1·50
435	Lacaille 2282 ...	6·7	6 18 40·09	0·09	3	+0·641	151 16 23·91	0·09	3	+ 1·63
436	Lacaille 2286 ...	6·7	6 18 52·25	0·09	3	+0·369	153 46 0·44	0·09	3	+ 1·65
437	Lacaille 2280 ...	6·7	6 19 26·66	0·12	3	+1·075	146 17 58·85	0·12	3	+ 1·70
438	Lacaille 2289 ...	6·7	6 19 49·40	0·15	3	+0·769	149 57 34·06	0·15	3	+ 1·73
439	Lacaille 2292 ...	5·6	6 20 42·16	0·12	3	+1·076	146 18 11·47	0·12	3	+ 1·81
440	Lacaille 2301 ...	6·7	6 20 57·42	0·15	3	+0·752	150 9 17·61	0·15	3	+ 1·83
441	Lacaille 2303 ...	6	6 21 54·19	0·14	3	+0·903	148 28 32·49	0·14	3	+ 1·91
442	Lacaille 2312 ...	6·7	6 22 13·30	0·17	3	+0·390	153 36 54·56	0·17	3	+ 1·94
443	B.A.C. 2097 ...	6·7	6 22 28·78	0·12	1	+3·788	61 42 27·78	0·12	1	+ 1·97
444	Lacaille 2311 ...	6	6 22 41·26	0·16	3	+0·748	150 12 40·44	0·16	3	+ 1·98
445	Lacaille 2321 ...	6	6 23 34·24	0·09	3	+0·422	153 21 8·78	0·09	3	+ 2·06
446	Lacaille 2329 ...	6	6 24 9·34	0·08	3	+0·377	153 45 15·70	0·08	3	+ 2·11
447	Lacaille 2328 ...	6	6 25 5·48	0·16	3	+0·952	147 55 22·85	0·16	3	+ 2·19
448	Lacaille 2336 ...	7	6 25 44·22	0·09	4	+0·710	150 38 56·09	0·09	4	+ 2·25
449	Lacaille 2335 ...	7	6 26 26·46	0·11	3	+1·116	145 50 3·21	0·11	3	+ 2·31
450	Lacaille 2339 ...	7	6 26 36·32	0·12	3	+0·815	149 32 4·77	0·12	3	+ 2·32
451	Lacaille 2348 ...	6·7	6 26 38·14	0·14	3	+0·568	152 4 6·75	0·14	3	+ 2·33
452	Lacaille 2343 ...	5	6 27 18·44	0·11	3	+1·046	146 46 4·27	0·11	3	+ 2·38
453	49 Aurigæ	5·6	6 27 19·77	0·12	1	+3·782	61 52 57·45	0·12	1	+ 2·39
454	Lacaille 2356 ...	6·7	6 28 13·11	0·13	3	+0·820	149 30 9·83	0·13	3	+ 2·46
455	Lacaille 2377 ...	6	6 29 56·20	0·10	3	+0·602	151 47 14·64	0·09	4	+ 2·61

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
456	Lacaille 2373 ...	5·6	6 30 6·67	0·11	3	+0·896	148 39 36·32	0·11	3	+ 2·63
457	γ Geminorum...	2·3	6 30 29·45	0·14	5	+3·466				
458	Lacaille 2389 ...	6·7	6 31 30·61	0·12	3	+0·610	151 43 54·38	0·12	3	+ 2·75
459	Lacaille 2401 ...	7	6 33 12·98	0·10	3	+0·646	151 23 42·97	0·10	3	+ 2·90
460	Lacaille 2394 ...	7	6 33 34·61	0·15	3	+1·102	146 7 26·18	0·15	3	+ 2·93
461	Lacaille 2407 ...	7	6 33 44·86	0·16	3	+0·680	151 4 11·66	0·16	3	+ 2·94
462	Lacaille 2410 ...	7	6 33 50·55	0·16	3	+0·459	153 9 28·27	0·16	3	+ 2·95
463	Lacaille 2406 ...	7	6 34 21·53	0·12	3	+1·003	147 26 3·69	0·12	3	+ 3·00
464	Lacaille 2408 ...	7	6 35 10·37	0·07	3	+1·169	145 14 4·61	0·06	4	+ 3·07
465	Lacaille 2416 ...	7	6 35 28·72	0·10	3	+0·952	148 4 23·32	0·10	5	+ 3·09
466	Lacaille 2425 ...	7	6 36 29·27	0·14	3	+0·941	148 13 36·10	0·14	3	+ 3·18
467	Lacaille 2432 ...	6	6 36 40·17	0·15	3	+0·649	151 25 23·82	0·15	4	+ 3·20
468	Lacaille 2433 ...	7	6 37 1·44	0·14	3	+0·780	150 4 8·63	0·14	3	+ 3·23
469	Lacaille 2445 ...	7	6 38 32·55	0·07	2	+0·878	149 0 16·69	0·09	3	+ 3·36
470	Lacaille 2452 ...	7	6 40 30·08	0·09	3	+1·129	145 53 25·58	0·09	3	+ 3·53
471	Lacaille 2458 ...	7	6 40 55·94	0·11	3	+0·937	148 21 27·25	0·11	3	+ 3·57
472	Lacaille 2468 ...	7	6 41 9·94	0·14	3	+0·636	151 37 48·39	0·14	3	+ 3·58
473	Lacaille 2487 ...	7	6 43 18·03	0·08	3	+0·694	151 5 29·76	0·08	3	+ 3·77
474	Lacaille 2490 ...	5·6	6 44 52·56	0·09	3	+1·171	145 24 6·22	0·09	3	+ 3·90
475	Lacaille 2509 ...	7·6	6 46 9·54	0·12	3	+1·015	147 30 54·91	0·12	3	+ 4·01
476	Lacaille 2514 ...	7	6 46 37·67	0·12	3	+0·950	148 19 26·86	0·12	3	+ 4·05
477	Lacaille 2525 ...	3·4	6 46 54·54	0·12	3	+0·630	151 48 26·40	0·12	3	+ 4·08
478	Lacaille 2523 ...	7	6 47 39·06	0·12	3	+1·151	145 45 22·71	0·12	3	+ 4·14
479	Lacaille 2532 ...	6	6 48 21·65	0·07	3	+0·799	150 6 16·85	0·07	3	+ 4·20
480	*	7·8	6 49 52·56	0·14	2	+1·110	146 21 38·13	0·14	2	+ 4·33
481	Lacaille 2542 ...	7	6 49 54·65	0·17	3	+1·111	146 21 11·39	0·17	3	+ 4·33
482	Lacaille 2552 ...	6·7	6 50 55·42	0·11	3	+0·886	149 11 11·34	0·11	4	+ 4·42
483	Lacaille 2574 ...	7·6	6 53 38·04	0·04	3	+1·085	146 47 57·10	0·04	3	+ 4·65
484	ε Canis Majoris...	2·1	6 53 42·72	0·20	4	+2·357				
485	Lacaille 2585 ...	7	6 54 13·20	0·08	3	+1·039	147 24 16·10	0·08	3	+ 4·70
486	Lacaille 2591 ...	7	6 54 46·41	0·12	3	+1·165	145 44 49·78	0·12	3	+ 4·75
487	Lacaille 2587 ...	6·7	6 55 1·03	0·11	3	+1·183	145 29 57·20	0·11	3	+ 4·77
488	Lacaille 2594 ...	7·6	6 56 13·49	0·14	3	+1·182	145 33 12·96	0·13	4	+ 4·87
489	Lacaille 2598 ...	6·7	6 56 15·43	0·12	3	+1·134	146 13 16·43	0·12	3	+ 4·87
490	Lacaille 2606 ...	7	6 57 53·60	0·14	3	+1·099	146 43 48·35	0·14	3	+ 5·01

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. *in* R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
491	γ Canis Majoris	4·5	6 58 6·16	0·11	4	+2·717				
492	Lacaille 2613 ...	7	6 58 32·18	0·16	3	+0·985	148 12 53·93	0·16	3	+ 5·07
493	Lacaille 2619 ...	7·6	6 58 32·97	0·16	3	+0·723	151 10 2·57	0·16	3	+ 5·07
494	Lacaille 2621 ...	6	6 59 8·95	0·08	3	+0·941	148 45 53·19	0·08	3	+ 5·12
495	Lacaille 2620 ...	7	6 59 26·89	0·12	3	+1·124	146 26 23·57	0·12	3	+ 5·14
496	Lacaille 2635 ...	7·6	7 1 2·79	0·07	3	+1·177	145 45 44·43	0·07	3	+ 5·28
497	Lacaille 2632 ...	7	7 1 4·56	0·07	3	+1·062	147 18 56·96	0·07	3	+ 5·28
498	Lacaille 2640 ...	5·6	7 1 19·89	0·05	3	+0·927	148 59 30·53	0·05	3	+ 5·30
499	*	7·8	7 1 36·62	0·14	3	+1·065	147 17 47·77	0·14	3	+ 5·33
500	Lacaille 2642 ...	5	7 1 58·46	0·11	3	+1·121	146 33 38·79	0·11	3	+ 5·36
501	Lacaille 2662 ...	7	7 3 19·99	0·10	3	+0·400	154 17 57·27	0·10	3	+ 5·47
502	Lacaille 2667 ...	7·6	7 5 25·37	0·07	3	+0·893	149 31 5·64	0·07	3	+ 5·65
503	Lacaille 2669 ...	6·7	7 5 51·54	0·14	3	+1·088	147 7 54·27	0·14	4	+ 5·68
504	Lacaille 2678 ...	7	7 6 21·75	0·11	3	+1·008	148 10 16·02	0·11	3	+ 5·73
505	Lacaille 2680 ...	7	7 6 49·00	0·12	3	+1·163	146 9 23·96	0·12	3	+ 5·77
506	*	7·8	7 6 51·89	0·12	3	+1·162	146 9 52·89	0·12	3	+ 5·77
507	*	7	7 7 24·44	0·12	2	+1·163	146 9 59·60	0·12	2	+ 5·81
508	Lacaille 2692 ...	6·7	7 7 40·61	0·07	3	+0·841	150 10 37·25	0·07	3	+ 5·84
509	*	7·8	7 7 51·61	0·07	3	+1·220	145 22 55·96	0·07	3	+ 5·85
510	Lacaille 2685 ...	7	7 7 52·24	0·07	3	+1·220	145 22 49·55	0·07	3	+ 5·85
511	Lacaille 2722 ...	7	7 9 18·40	0·07	3	+0·426	154 15 3·75	0·07	3	+ 5·97
512	Lacaille 2702 ...	6	7 9 28·08	0·09	3	+1·184	145 56 45·63	0·09	3	+ 5·99
513	Lacaille 2717 ...	6	7 10 30·77	0·15	4	+1·090	147 16 34·39	0·15	4	+ 6·07
514	Lacaille 2735 ...	6	7 10 51·19	0·14	3	+0·575	152 58 35·76	0·14	3	+ 6·10
515	Lacaille 2755 ...	7	7 12 28·70	0·16	3	+0·390	154 39 22·99	0·16	3	+ 6·24
516	δ Geminorum ...	3·4	7 12 39·35	0·14	5	+3·591				
517	Lacaille 2750 ...	7	7 12 45·82	0·10	3	+0·795	150 51 2·76	0·10	3	+ 6·26
518	Lacaille 2752 ...	6·7	7 13 23·02	0·11	3	+1·016	148 19 14·76	0·11	3	+ 6·31
519	Lacaille 2782 ...	6·7	7 15 36·57	0·08	3	+0·490	153 54 17·32	0·08	3	+ 6·50
520	Lacaille 2787 ...	7	7 15 57·02	0·08	3	+0·564	153 15 4·81	0·08	3	+ 6·53
521	Lacaille 2770 ...	7	7 16 8·14	0·10	3	+1·117	147 7 17·48	0·10	3	+ 6·54
522	Lacaille 2778 ..	6·7	7 16 50·06	0·12	4	+1·219	145 44 21·79	0·12	4	+ 6·60
523	Lacaille 2789 ...	6	7 17 5·21	0·16	3	+1·067	147 49 17·49	0·16	4	+ 6·62
524	Lacaille 2791 ...	7	7 17 14·50	0·16	4	+1·113	147 12 58·09	0·16	4	+ 6·63
525	Lacaille 2805 ...	7·6	7 17 27·81	0·17	3	+0·580	153 9 16·78	0·17	3	+ 6·65

No. 498: Lacaille 2640.—Double Star = Herschel 3003; components 7 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
526	Lacaille 2804 ...	6·7	7 17 52·50	0·18	3	+0·806	150 54 39·77	0·18	3	+ 6·69
527	Lacaille 2798 ...	6·5	7 17 53·89	0·15	3	+1·199	146 3 40·38	0·15	3	+ 6·69
528	Lacaille 2806 ...	7	7 18 32·03	0·10	3	+1·023	148 26 12·24	0·10	3	+ 6·74
529	Lacaille 2808 ...	7	7 19 16·98	0·11	3	+1·240	145 31 52·94	0·11	3	+ 6·80
530	Lacaille 2818 ...	6·7	7 20 10·24	0·10	3	+0·739	151 42 42·33	0·10	3	+ 6·87
531	Lacaille 2812 ...	7·6	7 20 21·58	0·14	3	+1·257	145 20 19·10	0·14	3	+ 6·89
532	β Canis Minoris	3	7 20 22·30	0·17	1	+3·261				
533	Lacaille 2831 ...	7·6	7 21 38·45	0·09	3	+0·713	152 1 41·15	0·09	3	+ 6·99
534	Lacaille 2827 ...	6·5	7 22 0·30	0·09	4	+1·049	148 14 59·67	0·09	4	+ 7·02
535	Lacaille 2848 ...	6	7 25 55·03	0·07	3	+1·096	147 48 54·09	0·07	3	+ 7·34
536	a^2 Geminorum..	2·1	7 26 37·31	0·19	1	+3·841				
537	Lacaille 2863 ...	6·7	7 27 34·44	0·07	3	+1·229	146 3 23·60	0·07	3	+ 7·48
538	Lacaille 2877 ...	6·7	7 27 50·04	0·12	3	+0·502	154 14 51·81	0·12	3	+ 7·50
539	Lacaille 2868 ...	6·7	7 27 52·84	0·12	3	+1·167	146 56 51·71	0·12	3	+ 7·50
540	Lacaille 2872 ...	7·6	7 28 40·46	0·15	3	+1·212	146 21 33·42	0·15	3	+ 7·57
541	Lacaille 2878 ...	7·6	7 29 6·41	0·15	3	+1·117	147 40 26·60	0·15	3	+ 7·60
542	Lacaille 3274 ...	6·7	7 30 8				176 49 7·28	0·24	1	+ 7·69
543	Lacaille 2901 ...	7·6	7 30 19·51	0·12	3	+0·530	154 6 18·80	0·12	3	+ 7·70
544	α Canis Minoris..	1	7 32 45·39	0·14	16	+3·144				
545	Lacaille 2911 ...	6·7	7 33 22·37	0·10	3	+1·279	145 36 30·97	0·10	3	+ 7·95
546	Lacaille 2917 ...	6	7 33 36·00	0·16	3	+1·182	147 1 6·41	0·16	3	+ 7·97
547	Lacaille 2919 ...	7	7 34 16·12	0·09	3	+1·104	148 5 49·25	0·09	3	+ 8·03
548	Lacaille 2930 ...	7·6	7 35 59·70	0·05	3	+1·265	145 56 35·37	0·05	3	+ 8·16
549	β Geminorum...	1·2	7 37 39·88	0·17	3	+3·679				
550	Lacaille 2951 ...	7	7 37 57·60	0·11	3	+1·311	145 21 33·52	0·11	3	+ 8·32
551	Lacaille 2959 ...	7	7 38 36·01	0·14	3	+1·083	148 34 39·49	0·14	3	+ 8·37
552	Lacaille 2963 ...	6·7	7 39 9·57	0·20	4	+1·272	146 1 12·76	0·20	4	+ 8·41
553	Lacaille 2983 ...	7	7 39 13·22	0·18	3	+0·563	154 11 30·59	0·18	3	+ 8·41
554	Lacaille 2970 ...	7·6	7 39 43·85	0·18	3	+1·285	145 50 57·64	0·18	3	+ 8·46
555	Lacaille 2979 ...	6	7 39 52·60	0·05	3	+1·107	148 20 3·89	0·05	3	+ 8·47
556	Lacaille 2982 ...	6·7	7 40 3·69	0·08	3	+1·105	148 22 22·53	0·08	3	+ 8·48
557	Lacaille 2975 ...	7	7 40 4·24	0·12	3	+1·341	145 0 53·76	0·12	3	+ 8·48
558	Lacaille 2987 ...	7·6	7 40 25·67	0·14	3	+1·057	149 0 17·65	0·14	3	+ 8·51
559	Lacaille 2986 ...	6	7 40 31·86	0·21	3	+1·140	147 55 57·25	0·21	3	+ 8·52
560	*	7·8	7 42 2·24	0·06	1	+1·256	146 24 21·93	0·06	1	+ 8·64

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
561	Lacaille 3011 ...	5	7 42 58·86	0·13	3	+1·259	146 25 2·67	0·13	3	+ 8·71
562	*	7	7 43 15·26	0·09	1	+1·096	148 38 56·34	0·09	1	+ 8·73
563	Lacaille 3034 ...	7	7 44 11·54	0·15	3	+0·622	153 53 14·55	0·15	3	+ 8·81
564	Lacaille 3025 ...	7	7 44 11·83	0·17	3	+1·090	148 46 53·00	0·17	3	+ 8·81
565	Lacaille 3032 ...	6·7	7 44 33·62	0·18	3	+0·895	151 7 51·02	0·18	3	+ 8·84
566	Lacaille 3030 ...	7	7 44 37·13	0·08	3	+1·107	148 35 50·66	0·08	3	+ 8·84
567	Lacaille 3036 ...	6	7 45 39·25	0·17	3	+1·287	146 9 30·04	0·20	3	+ 8·92
568	Lacaille 3046 ...	5·6	7 46 25·59	0·15	3	+1·294	146 5 43·98	0·17	4	+ 8·98
569	Lacaille 3060 ...	6	7 47 8·85	0·13	3	+1·007	149 58 21·03	0·13	3	+ 9·04
570	Lacaille 3064 ...	6	7 47 47·03	0·14	3	+1·030	149 44 1·12	0·14	3	+ 9·09
571	Lacaille 3070 ...	7·6	7 49 0·39	0·07	3	+1·351	145 22 49·95	0·07	3	+ 9·18
572	Lacaille 3092 ...	7	7 50 47·90	0·14	3	+0·649	153 58 8·16	0·14	3	+ 9·32
573	Lacaille 3097 ...	5	7 52 17·90	0·17	3	+1·258	146 58 22·55	0·17	3	+ 9·4
574	Lacaille 3113 ...	6·5	7 54 11·91	0·21	6	+1·023	150 11 28·99	0·22	5	+ 9·59
575	Lacaille 3114 ...	7·6	7 54 15·04	0·19	3	+0·974	150 45 51·71	0·19	3	+ 9·59
576	Lacaille 3110 ...	7	7 54 20·62	0·20	3	+1·258	147 5 40·90	0·20	3	+ 9·60
577	Lacaille 3117 ...	7·6	7 55 6·03	0·19	4	+1·258	147 8 27·79	0·19	4	+ 9·67
578	Lacaille 3122 ...	6	7 55 28·29	0·17	3	+1·047	149 58 5·52	0·17	3	+ 9·68
579	Brisbane 1855 ...	6	7 55 36·78	0·19	3	+0·779	152 57 32·77	0·19	3	+ 9·69
580	6 Cancri	5	7 55 50·27	0·09	5	+3·693				
581	*	7	7 56 4·63	0·24	2	+1·008	150 28 37·90	0·24	2	+ 9·73
582	*	7	7 56 23·07	0·19	2	+1·107	149 2			
583	*	7·8	7 56 26·57	0·19	2	+1·120	149 6 40·58	0·19	2	+ 9·76
584	*	6	7 56 45·32	0·26	4	+1·011	150 28 58·03	0·26	4	+ 9·78
585	*	8·7	7 57 7·07	0·29	2	+1·032	150 14 40·16	0·29	2	+ 9·81
586	Lacaille 3138 ...	6·7	7 57 28·00	0·21	3	+1·065	149 51 48·35	0·21	3	+ 9·84
587	Lacaille 3140 ...	6·5	7 57 29·24	0·22	4	+1·034	150 14 36·61	0·22	4	+ 9·84
588	Lacaille 3144 ...	6	7 58 36·46	0·21	4	+1·406	145 6 24·64	0·21	4	+ 9·92
589	Lacaille 3154 ...	6·5	7 58 45·04	0·21	3	+0·771	153 13 16·68	0·21	3	+ 9·93
590	Lacaille 3149 ...	7·6	7 59 12·60	0·21	3	+1·400	145 15 19·06	0·21	3	+ 9·97
591	Lacaille 3150 ...	6·7	7 59 20·54	0·17	2	+1·404	145 11 25·40	0·17	2	+ 9·98
592	15 Argûs	3	8 2 13·20	0·52	3	+2·554				
593	*	7	8 2 43·38	0·21	4	+0·865	152 28 54·82	0·21	4	+10·23
594	Lacaille 3175 ...	7	8 2 48·67	0·20	3	+1·079	150 1 47·82	0·20	3	+10·24
595	ψ^3 Cancri	6	8 2 55·36	0·05	1	+3·630	64 6 53·68	0·05	1	+10·25

Nos. 581 and 584 are two Stars in the nebula of Lacaille 3134.

No. 594: Lacaille 3175.—Double Star: components 7 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
596	Lacaille 3178 ...	6·5	8 2 56·03	0·21	4	+0·866	152 28 43·56	0·21	3	+10·25
597	Lacaille 3196 ...	7	8 4 34·86	0·21	3	+0·725	154 0 57·14	0·21	3	+10·37
598	Lacaille 3200 ...	6·7	8 4 56·46	0·19	3	+0·814	153 9 16·94	0·19	3	+10·40
599	Lacaille 3211 ..	7	8 6 4·04	0·25	3	+1·041	150 42 37·36	0·25	3	+10·49
600	Lacaille 3216 ...	7	8 6 30·66	0·25	3	+1·080	150 15 29·91	0·25	3	+10·52
601	Lacaille 3208 ...	6	8 6 38·88	0·25	4	+1·403	145 43 3·30	0·25	4	+10·53
602	Lacaille 3224 ...	6·7	8 6 46·70	0·26	3	+0·798	153 25 59·83	0·26	3	+10·54
603	Lacaille 3222 ...	5·6	8 6 56·10	0·25	3	+1·028	150 55 24·78	0·25	3	+10·55
604	Lacaille 3220 ...	7·6	8 7 5·57	0·25	3	+1·168	149 10 20·30	0·21	4	+10·56
605	Lacaille 3235 ...	7·6	8 7 45·98	0·24	3	+0·704	154 24 23·42	0·24	3	+10·61
606	A Octantis	7	8 10 34·34	0·16	10	−19·985	178 30 11·13	0·14	26	+10·80
	A Octantis S.P.						10·83	0·53	2	
607	Lacaille 3253 ...	7·6	8 11 36·14	0·17	3	+1·384	146 22 28·52	0·17	3	+10·89
608	Lacaille 3264 ...	7	8 11 58·74	0·22	3	+1·044	151 3 44·25	0·22	3	+10·92
609	Lacaille 3265 ..	7	8 13 16·49	0·22	3	+1·360	146 53 1·39	0·19	4	+11·02
610	*	7	8 13 20·61	0·28	4	+1·163	149 40 20·80	0·27	3	+11·02
611	Lacaille 3275 ...	5·6	8 13 22·13	0·22	3	+0·924	152 31 49·09	0·22	4	+11·02
612	Lacaille 3278 ...	7·6	8 14 42·97	0·25	3	+1·460	145 23 10·82	0·25	3	+11·12
613	Lacaille 3280 ...	7	8 14 43·81	0·26	3	+1·453	145 30 17·25	0·26	3	+11·12
614	Lacaille 3286 ...	7	8 14 56·18	0·27	3	+1·272	148 18 29·95	0·27	3	+11·14
615	Lacaille 3297 ...	7	8 15 9·93	0·27	3	+0·793	154 0 52·96	0·27	3	+11·16
616	Lacaille 3296 ...	6·7	8 15 13·10	0·28	3	+0·815	153 47 54·24	0·28	3	+11·16
617	Lacaille 3289 ...	6·7	8 15 22·20	0·27	3	+1·241	148 46 30·80	0·27	3	+11·17
618	Lacaille 3294 ..	7·6	8 15 41·61	0·27	3	+1·157	149 55 22·68	0·27	3	+11·19
619	*	7	8 15 59·27	0·27	3	+1·159	149 55 9·87	0·27	3	+11·22
620	Lacaille 3303 ...	7	8 17 6·73	0·20	3	+1·406	146 27 47·11	0·20	3	+11·30
621	Lacaille 3307 ...	7	8 17 17·26	0·21	3	+1·182	149 42 26·98	0·21	3	+11·31
622	*	7	8 18 14·90	0·21	1	+1·188	149 42 11·82	0·21	1	+11·38
623	Lacaille 3315 ...	6	8 18 25·29	0·12	3	+1·340	147 34 28·79	0·12	3	+11·39
624	Lacaille 3320 ...	7	8 18 49·34	0·21	3	+1·006	151 59 42·16	0·21	3	+11·42
625	Lacaille 3330 ...	6	8 19 22·79	0·23	3	+0·852	153 42 19·22	0·23	3	+11·46
626	Lacaille 3327 ...	2·3	8 19 56·91	0·23	4	+1·242	149 6 28·08	0·23	4	+11·50
627	Lacaille 3322 ...	7·8	8 19 57·60	0·24	3	+1·354	147 29 12·41	0 24	3	+11·50
628	Lacaille 3335 ...	7	8 21 16·45	0·27	5	+1·492	145 23 2·56	0·26	4	+11·60
629	Lacaille 3343 ...	6	8 22 0·60	0·23	4	+1·514	145 3 52·93	0·21	3	+11·65
630	Lacaille 3347 ...	7·6	8 22 14·98	0·30	4	+1·499	145 20 26·41	0·30	3	+11·66

No. 611: Lacaille 3275.—Double: = Herschel 3653. The R.A. of the small Star was observed on April 9th to be $8^h\ 13^m\ 22^s{\cdot}72$.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
631	*	7·8	8 22 17·72	0·30	2	+1·501	145 19 19·38	0·30	2	+11·67
632	Lacaille 3352 ...	6·7	8 22 41·90	0·21	3	+1·353	147 43 26·39	0·21	3	+11·70
633	υ^3 Cancri	6	8 24 6·84	0·05	1	+3·565	65 29 56·29	0·09	2	+11·80
634	Lacaille 3378 ...	6	8 24 8·75	0·18	3	+0·837	154 11 22·19	0·18	3	+11·80
635	η Cancri	6	8 25 28·69	0·15	7	+3·478				
636	Lacaille 3393 ...	7	8 26 10·37	0·23	5	+1·234	149 42 18·41	0·23	4	+11·94
637	*	7	8 26 56·29	0·21	3	+1·234	149 45 37·91	0·21	3	+12·00
638	Lacaille 3414 ...	7	8 28 30·23	0·17	3	+1·529	145 22 35·17	0·17	3	+12·11
639	Lacaille 3417 ...	7	8 29 6·73	0·22	3	+1·483	146 12 33·25	0·22	3	+12·15
640	Lacaille 3430 ...	7	8 29 24·52	0·20	3	+1·081	151 54 51·17	0·20	3	+12·17
641	Lacaille 3421 ...	7·6	8 29 27·52	0·20	3	+1·552	145 2 37·26	0·20	3	+12·17
642	Lacaille 3425 ...	7	8 29 58·50	0·23	3	+1·502	145 58 10·08	0·23	3	+12·21
643	Lacaille 3448 ...	7·6	8 32 2·98	0·16	3	+1·363	148 21 43·37	0·18	2	+12·35
644	Lacaille 3452 ...	5·6	8 32 21·24	0·25	4	+1·402	147 47 32·09	0·25	4	+12·37
645	Lacaille 3451 ...	5·4	8 32 22·46	0·22	3	+1·416	147 34 38·21	0·22	3	+12·37
646	Lacaille 3454 ...	7·6	8 32 45·02	0·22	3	+1·518	145 56 30·08	0·22	3	+12·40
647	Lacaille 3458 ...	7	8 33 3·43	0 25	3	+1·500	146 16 33·83	0·25	3	+12·42
648	Lacaille 3461 ...	7·8	8 33 15·92	0·23	4	+1·491	146 26 9·44	0·23	4	+12·43
649	*	8	8 33 20·31	0·16	1	+1·491	146 26 42·23	0·16	1	+12·44
650	Lacaille 3465 ...	7	8 34 2·81	0·21	3	+1·268	149 53 28·42	0·21	3	+12·48
651	Lacaille 3475 ...	6	8 35 5·51	0·25	3	+1·078	152 24 51·41	0·25	3	+12·56
652	Lacaille 3473 ...	7	8 35 49·83	0·26	3	+1·560	145 30 3·92	0·26	3	+12·61
653	γ Cancri	4·5	8 36 3·07	0·13	1	+3·479	68 4 59·55	0·13	1	+12·62
654	Lacaille 3491 ...	7	8 36 12·96	0·22	3	+1·086	152 24 8·20	0·22	3	+12·63
655	Lacaille 3490 ...	6	8 36 33·87	0·20	3	+1·285	149 52 31·79	0·20	3	+12·66
656	Lacaille 3494 ...	7·6	8 37 12·17	0·23	3	+1·344	149 6 10·50	0·23	3	+12·70
657	Lacaille 3497 ...	7·6	8 37 39·91	0·20	3	+1·476	147 6 2·45	0·20	3	+12·73
658	Lacaille 3504 ...	5·4	8 37 51·24	0·18	3	+1·333	149 18 56·29	0·18	3	+12·75
659	Lacaille 3522 ...	7	8 39 3·66	0·26	4	+0·976	153 53 16·80	0·26	4	+12·83
660	Lacaille 3513 ...	6	8 39 3·94	0·25	3	+1·587	145 19 38·52	0·25	2	+12·83
661	ε Hydræ	3·4	8 40 9·28	0·12	3	+3·183				
662	Lacaille 3540 ...	7·6	8 40 57·56	0·21	3	+1·213	151 14 2·04	0·21	3	+12·95
663	Lacaille 3545 ...	7	8 42 7·30	0·22	3	+1·429	148 16 6·53	0·22	3	+13·03
664	Lacaille 3544 ...	6·7	8 42 25·17	0·24	4	+1·601	145 24 6·01	0·24	3	+13·05
665	Lacaille 3554 ...	4·5	8 43 28·59	0·14	3	+1·556	146 18 39·02	0·14	3	+13·12

No. 655: Lacaille 3490.—Double Star.
No. 657: Lacaille 3497.—Double Star.
No. 663: Lacaille 3545.—Double Star = Herschel 3897: components 7 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
666	Lacaille 3573 ...	7	8 44 25·09	0·20	3	+1·118	152 43 48·65	0·20	3	+13·18
667	Lacaille 3759 ...	6·7	8 44 32·68	0·34	1	−11·824	176 7 59·27	0·30	3	+13·19
668	*	7·6	8 47 18·13	0·22	3	+1·141	152 42 55·13	0·22	3	+13·37
669	Lacaille 3592 ...	7·6	8 48 21·31	0·21	3	+1·637	145 20 19·42	0·21	3	+13·44
670	Lacaille 3594 ...	6	8 48 25·24	0·12	4	+1·535	147 9 50·56	0·12	4	+13·45
671	Lacaille 3602 ...	7	8 48 50·33	0·20	3	+1·293	150 53 51·93	0·20	3	+13·47
672	Lacaille 3598 ...	7·6	8 48 59·88	0·23	3	+1·618	145 46 14·24	0·23	3	+13·48
673	*	7	8 49 3·89	0·29	3	+1·291	150 56 56·07	0·29	3	+13·49
674	Lacaille 3603 ...	6	8 49 44·46	0·26	3	+1·600	146 10 39·21	0·26	3	+13·53
675	Lacaille 3606 ...	7	8 50 6·53	0·26	3	+1·609	146 2 45·46	0·26	3	+13·56
676	Lacaille 3613 ...	6	8 50 57·11	0·23	3	+1·380	149 52 43·43	0·23	3	+13·61
677	Lacaille 3618 ...	6	8 51 44·79	0·28	3	+1·520	147 45 45·24	0·28	3	+13·66
678	Lacaille 3626 ...	5	8 52 12·87	0·23	3	+1·369	150 10 4·44	0·23	3	+13·69
679	*	7	8 52 41·57	0·22	3	+1·678	145 1 49·23	0·22	3	+13·72
680	Lacaille 3625 ...	7·6	8 52 42·02	0·22	3	+1·677	145 2 54·67	0·22	3	+13·72
681	Lacaille 3634 ...	7	8 52 47·92	0·24	3	+1·334	150 43 35·89	0·24	3	+13·73
682	Lacaille 3639 ...	5·4	8 53 54·78	0·25	3	+1·474	148 44 50·57	0·25	3	+13·80
683	*	7	8 53 59·76	0·25	3	+1·475	148 44 40·37	0·25	3	+13·80
684	Lacaille 3649 ...	7	8 54 16·44	0·26	3	+1·166	153 3 49·19	0·26	3	+13·82
685	Lacaille 3661 ...	5·4	8 56 20·17	0·16	5	+1·499	148 36 21·18	0·16	5	+13·95
686	Lacaille 3659 ...	7	8 56 29·27	0·24	3	+1·503	148 33 11·78	0·24	3	+13·96
687	Lacaille 3668 ...	7	8 56 29·81	0·25	3	+1·101	154 2 36·92	0·25	3	+13·96
688	Lacaille 3670 ...	7	8 56 53·09	0·24	3	+1·194	152 58 45·10	0·24	3	+13·99
689	Lacaille 3673 ...	6	8 57 53·08	0·23	3	+1·388	150 28 23·35	0·23	3	+14·05
690	Lacaille 3691 ...	7	9 0 29·79	0·22	3	+1·309	151 51 27·21	0·22	3	+14·21
691	κ Cancri	5	9 0 58·44	0·23	1	+3·256				
692	*	8·7	9 1 0·82	0·23	3	+1·685	145 50 35·77	0·23	3	+14·24
693	Lacaille 3689 ...	7·6	9 1 2·49	0·23	3	+1·685	145 50 35·77	0·23	3	+14·25
694	Lacaille 3693 ...	6	9 1 27·90	0·20	3	+1·606	147 21 16·60	0·20	3	+14·27
695	ξ Cancri	5	9 2 10·33	0·05	1	+3·461	67 27 1·70	0·05	1	+14·31
696	Lacaille 3705 ...	7	9 2 28·87	0·24	3	+1·362	151 19 40·02	0·24	3	+14·33
697	Lacaille 3703 ...	6	9 2 58·68	0·21	3	+1·725	145 18 0·99	0·21	3	+14·36
698	Lacaille 3712 ...	7·6	9 3 42·81	0·26	3	+1·166	153 59 53·29	0·26	3	+14·41
699	Lacaille 3707 ...	7	9 3 47·31	0·24	3	+1·478	149 45 29·04	0·25	4	+14·41
700	Lacaille 3706 ...	6·7	9 3 53·82	0·24	3	+1·644	146 57 37·94	0·24	3	+14·42

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
701	Lacaille 3708 ...	7	9 4 3·73	0·25	3	+1·300	152 20 47·28	0·25	3	+14·43
702	Lacaille 3717 ...	7	9 4 44·61	0·22	3	+1·612	147 37 36·05	0·22	3	+14·47
703	Lacaille 3728 ...	7	9 6 1·53	0·16	3	+1·555	148 45 46·52	0·16	3	+14·55
704	Lacaille 3738 ...	4	9 7 40·54	0·26	3	+1·585	148 27 20·18	0·26	3	+14·65
705	Lacaille 3747 ...	7	9 8 1·56	0·27	4	+1·465	150 26 29·20	0·27	4	+14·67
706	Lacaille 3740 ...	7	9 8 4·90	0·26	3	+1·663	147 6 23·09	0·26	3	+14·67
707	Lacaille 3742 ...	6	9 8 7·54	0·27	3	+1·644	147 27 20·73	0·27	3	+14·67
708	Lacaille 3753 ...	4	9 8 26·22	0·30	3	+1·375	151 48 16·34	0·30	3	+14·69
709	Lacaille 3760 ...	6·5	9 9 39·25	0·25	3	+1·573	148 53 55·52	0·25	3	+14·77
710	Lacaille 3761 ...	6	9 9 46·37	0·23	3	+1·481	150 24 5·58	0·23	3	+14·77
711	Lacaille 3762 ..	5	9 10 35·64	0·23	3	+1·784	145 3 9·51	0·23	3	+14·82
712	Lacaille 3769 ...	7·6	9 10 49·66	0·28	3	+1·465	150 45 43·41	0·28	3	+14·83
713	Lacaille 3770 ...	7	9 10 58·43	0·22	3	+1·514	150 1 0·01	0·22	3	+14·84
714	Lacaille 3768 ...	7	9 11 4·84	0·24	3	+1·783	145 7 19·88	0·24	3	+14·85
715	Lacaille 3776 ...	6·7	9 11 52·32	0·27	3	+1·647	147 52 4·77	0·27	3	+14·90
716	Lacaille 3783 ...	7	9 11 55·44	0·29	3	+1·193	154 32 4·86	0·29	3	+14·90
717	83 Cancri.....	6	9 12 0·19	0·30	4	+3·355				
718	Lacaille 3777 ...	6·7	9 12 3·44	0·26	3	+1·692	147 3 25·72	0·26	3	+14·91
719	Lacaille 3782 ...	4·5	9 12 40·23	0·27	4	+1·698	147 1 8·50	0·25	3	+14·94
720	Lacaille 3785 ...	7	9 13 6·26	0·26	3	+1·742	146 13 39·83	0·26	3	+14·97
721	Lacaille 3792 ...	3	9 13 44·63	0·27	3	+1·611	148 45 4·92	0·27	3	+15·01
722	ζ Octantis.....	5·6	9 14 26				175 9 35·01	0·27	2	+15·05
723	Lacaille 3797 ...	7·6	9 14 49·52	0·22	3	+1·727	146 44 49·33	0·22	3	+15·07
724	Lacaille 3798 ...	7	9 15 2·30	0·19	3	+1·599	149 7 12·47	0·19	3	+15·08
725	Lacaille 3799 ...	7·6	9 15 27·83	0·24	3	+1·776	145 50 19·33	0·22	4	+15·11
726	Lacaille 3818 ...	7	9 17 28·57	0·22	3	+1·472	151 27 43·10	0·22	3	+15·22
727	Lacaille 3823 ...	5	9 17 56·55	0·23	3	+1·448	151 52 21·37	0·23	3	+15·25
728	Lacaille 3814 ...	7	9 17 59·66	0·21	3	+1·767	146 22 17·92	0·21	3	+15·25
729	Lacaille 3837 ...	6	9 20 7·86	0·18	3	+1·599	149 45 57·16	0·18	3	+15·37
730	Lacaille 3847 ...	6·7	9 20 55·52	0·24	3	+1·523	151 6 32·51	0·24	3	+15·41
731	α Hydræ.....	2	9 21 26·65	0·19	4	+2·947				
732	Lacaille 3855 ...	7	9 22 10·02	0·24	3	+1·834	145 32 56·81	0·24	3	+15·48
733	Lacaille 3869 ...	7	9 22 11·92	0·26	3	+1·318	154 10 8·91	0·26	3	+15·49
734	Lacaille 3866 ...	6	9 22 20·40	0·30	3	+1·515	151 24 42·54	0·30	3	+15·49
735	Lacaille 3878 ...	7	9 22 38·37	0·26	3	+1·277	154 43 50·95	0·26	3	+15·51

No.	Star's Name.	Magnitude.	Mean R.A. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
736	Lacaille 3877 ...	6·7	9 23 19·25	0·28	3	+1·665	149 2 10·33	0·28	3	+15·55
737	Lacaille 3881 ...	7·8	9 23 52·90	0·32	2	+1·802	146 27 43·07	0·32	2	+15·58
738	Lacaille 3890 ...	6	9 24 1·57	0·28	3	+1·318	154 23 18·66	0·28	3	+15·59
739	λ Leonis	4·5	9 24 35·18	0·05	1	+3·437	66 28 54·25	0·05	1	+15·62
740	Lacaille 3901 ...	6	9 25 38·50	0·31	3	+1·522	151 43 38·10	0·31	3	+15·68
741	Lacaille 3895 ...	7	9 25 39·42	0·28	3	+1·837	145 59 25·39	0·28	3	+15·68
742	Lacaille 3899 ...	7 6	9 25 58·15	0·30	3	+1·753	147 45 7·27	0·30	3	+15·69
743	Lacaille 3907 ...	6·7	9 26 24·49	0·26	3	+1·523	151 48 46·86	0·26	3	+15·72
744	Lacaille 3904 ...	6	9 26 44·47	0·27	6	+1·755	147 48 47·33	0·27	5	+15·74
745	Lacaille 3910 ...	4·3	9 27 25·49	0·23	3	+1·826	146 29 0·87	0·23	3	+15·77
746	Lacaille 3912 ...	7	9 28 4·84	0·25	3	+1·832	146 26 13·00	0·25	3	+15·81
747	Lacaille 3924 ...	7·6	9 28 42·01	0·24	3	+1·612	150 40 55·31	0·24	3	+15·84
748	Lacaille 3921 ...	7	9 28 57·77	0·28	3	+1·834	146 32 26·58	0·28	3	+15·86
749	Lacaille 3927 ...	7	9 29 5·40	0·32	3	+1·657	149 58 11·71	0·32	3	+15·86
750	Lacaille 3932 ...	7	9 29 5·98	0·35	3	+1·518	152 14 10·24	0·35	3	+15·86
751	Lacaille 3930 ...	7·6	9 29 33·01	0·27	3	+1·796	147 24 31·17	0·27	3	+15·89
752	Lacaille 3944 ...	7	9 29 45·97	0·31	3	+1·339	154 49 23·78	0·31	3	+15·90
753	Lacaille 3943 ...	7·6	9 30 16·99	0·30	3	+1·661	150 4 21·07	0·30	3	+15·93
754	Lacaille 3949 ...	5·4	9 30 49·09	0·29	4	+1·741	148 40 22·85	0·29	4	+15·95
755	*	7·8	9 31 46·29	0·35	2	+1·750	148 38 48·89	0·35	2	+16·00
756	*	7	9 32 4·19	0·29	4	+1·391	154 26 32·66	0·29	4	+16·02
757	Lacaille 3972 ...	7	9 32 55·86	0·26	3	+1·432	153 59 38·08	0·26	3	+16·07
758	Lacaille 3965 ...	6·7	9 33 10·94	0·28	6	+1·405	154 23 27·85	0·28	6	+16·08
759	Lacaille 3974 ...	7·6	9 33 54·97	0·24	3	+1·731	149 19 40·91	0·24	3	+16·12
760	Lacaille 3980 ...	7	9 34 49·92	0·31	4	+1·775	148 36 42·09	0·31	4	+16·16
761	Lacaille 3986 ...	7	9 35 19·27	0·28	3	+1·466	153 50 8·02	0·28	3	+16·19
762	Lacaille 3989 ...	7·6	9 35 47·02	0·30	3	+1·464	153 55 30·75	0·30	3	+16·21
763	Lacaille 3987 ...	5	9 35 53·35	0·31	3	+1·667	150 45 46·03	0·32	4	+16·22
764	*	7	9 36 9·14	0·28	2	+1·780	148 43 6·06	0·30	3	+16·23
765	Lacaille 3993 ...	6·7	9 36 28·99	0·32	3	+1·575	152 22 35·97	0·32	3	+16·25
766	Lacaille 3990 ...	5	9 36 51·72	0·29	3	+1·849	147 24 56·25	0·29	3	+16·27
767	Lacaille 3992 ...	6	9 37 5·14	0·28	3	+1·884	146 41 22·73	0·28	3	+16·28
768	Lacaille 4000 ...	7	9 38 37·90	0·24	3	+1·957	145 15 45·72	0·24	3	+16·36
769	ε Leonis	3	9 38 45·16	0·22	2	+3·418				
770	Lacaille 4008 ...	7	9 39 32·74	0·22	3	+1·916	146 22 49·18	0·22	3	+16·40

No. 737: Lacaille 3881.—The Star observed is in the centre of a number of small Stars.

No. 751: Lacaille 3930.—Double Star.

No. 768: Lacaille 4000—Double Star; components 7 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
771	Lacaille 4024 ...	7	9 40 55·65	0·23	3	+1·899	146 59 34·55	0·23	3	+16·47
772	Lacaille 4028 ...	6·5	9 41 40·41	0·24	3	+1·921	146 36 35·41	0·24	3	+16·51
773	Lacaille 4033 ...	4·5	9 41 48·83	0 27	3	+1·651	151 55 55·09	0·27	3	+16·52
774	Lacaille 4032 ...	6	9 42 5·84	0·28	3	+1·851	148 13 9·21	0·28	3	+16·53
775	Lacaille 4035 ...	7·6	9 42 38·02	0·28	3	+1·828	148 46 29·98	0·28	3	+16·56
776	Lacaille 4038 ...	7	9 43 20·48	0·27	3	+1·952	146 11 0·60	0·27	3	+16·59
777	Lacaille 4051 ...	4·3	9 43 58·46	0·23	2	+1·505	154 29 32·78	0·23	2	+16·62
778	Lacaille 4049 ...	6·5	9 44 33·53	0·24	3	+1·975	145 49 51·32	0·24	3	+16·65
779	μ Leonis	4	9 45 38·97	0·37	1	+3·422				
780	*	7·8	9 46 25·96	0·19	1	+1·853	148 53 25·29	0·19	1	+16·74
781	Lacaille 4061 ...	6·5	9 47 18·37	0·19	2	+1·863	148 50 19·00	0·19	2	+16·79
782	Lacaille 4066 ...	5·6	9 47 24·77	0·22	3	+1·330	152 9 35·87	0·22	3	+16·79
783	*	7	9 48 2·69	0·15	1	−6·049	175 26 14·31	0·15	2	+16·82
784	Lacaille 4169 ...	6·7	9 48 16·16	0·15	1	−6·036	175 26 13·82	0·32	4	+16·83
785	Lacaille 4078 ...	7	9 50 46·76	0·21	3	+1·966	147 8 9·22	0·21	3	+16·95
786	Lacaille 4100 ...	7	9 53 24·21	0·21	3	+2·022	146 16 6·24	0·21	3	+17·07
787	π Leonis	5	9 53 36·41	0·37	1	+3·176				
788	Lacaille 4105 ...	6·7	9 53 52·21	0·22	3	+1·645	153 53 46·74	0·22	3	+17·09
789	Lacaille 4104 ...	7·6	9 54 5·15	0·26	3	+1·795	151 20 10·18	0·26	3	+17·10
790	Lacaille 4109 ...	6·7	9 54 26·89	0·28	3	+1·763	151 59 21·37	0·28	3	+17·12
791	Lacaille 4108 ...	7·6	9 55 4·93	0·27	3	+1·983	147 31 48·70	0·27	3	+17·15
792	Lacaille 4112 ...	7	9 55 15·00	0·29	3	+1·786	151 43 9·38	0·29	3	+17·16
793	Lacaille 4117 ...	6·7	9 55 28·63	0·29	3	+1·731	152 44 43·49	0·29	3	+17·17
794	Lacaille 4118 ...	7·6	9 56 19·73	0·32	3	+2·041	146 20 47·39	0·29	4	+17·21
795	Lacaille 4129 ...	6·7	9 56 52·14	0·34	3	+2·077	145 29 43·45	0·34	3	+17·23
796	Lacaille 4133 ...	6·7	9 57 43·57	0·32	3	+2·035	146 44 53·21	0·32	3	+17·27
797	Lacaille 4138 ...	6	9 58 1·50	0·32	3	+1·906	149 49 6·10	0·32	3	+17·28
798	Lacaille 4145 ...	6	9 58 58·84	0·25	5	+1·925	149 34 28·86	0·25	5	+17·32
799	Lacaille 4148 ...	6	9 59 0·53	0·28	3	+1·829	151 33 9·69	0·28	3	+17·32
800	Lacaille 4151 ...	7	9 59 37·42	0·31	3	+1·930	149 35 40·76	0·31	3	+17·35
801	Lacaille 4153 ...	6·7	9 59 42·72	0·30	3	+1·850	151 16 43·75	0·31	2	+17·36
802	Lacaille 4155 ...	6·7	10 0 41·55	0·23	3	+2·076	146 17 29·39	0·23	4	+17·40
803	Lacaille 4163 ...	7	10 1 0·52	0·25	3	+1·710	154 2 27·99	0·25	3	+17·41
804	α Leonis	1·2	10 1 42·77	0·42	5	+3·200				
805	Lacaille 4166 ...	7	10 2 11·67	0·26	3	+1·770	153 13 32·97	0·26	3	+17·46

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
806	Lacaille 4174 ...	7	10 4 0·87	0·26	3	+2·051	147 35 10·60	0·26	3	+17·54
807	Lacaille 4173 ...	7	10 4 1·51	0·27	3	+2·118	145 49 29·18	0·27	3	+17·54
808	Lacaille 4179 ...	6·7	10 4 2·15	0·28	3	+1·873	151 36 36·15	0·28	3	+17·54
809	*	7	10 4 16·59	0·32	2	+2·120	145 48 26·84	0·32	2	+17·55
810	Lacaille 4191 ...	7	10 5 9·20	0·27	3	+1·701	154 53 53·22	0·27	3	+17·59
811	Lacaille 4189 ...	6	10 5 23·07	0·23	3	+1·919	150 56 16·60	0·22	3	+17·60
812	Lacaille 4199 ...	7	10 6 41·13	0·29	3	+1·785	153 46 10·32	0·29	3	+17·65
813	Lacaille 4200 ...	7·6	10 7 18·46	0·22	3	+2·054	148 12 43·26	0·22	3	+17·68
814	Lacaille 4201 ...	6	10 7 25·26	0·30	3	+2·085	147 26 37·54	0·30	3	+17·68
815	Lacaille 4207 ...	7	10 7 46·89	0·31	3	+1·942	150 55 29·59	0·31	3	+17·70
816	*	7·8	10 7 56·21	0·31	3	+2·028	148 59 9·00	0·31	3	+17·70
817	Lacaille 4217 ...	6	10 8 47·84	0·21	3	+2·022	149 17 58·41	0·21	3	+17·74
818	Lacaille 4215 ...	6·7	10 8 53·04	0·29	3	+2·150	145 58 4·48	0·29	3	+17·74
819	Lacaille 4225 ...	7·6	10 9 16·42	0·27	3	+1·767	154 32 51·20	0·27	3	+17·76
820	Lacaille 4224 ...	6·7	10 9 17·06	0·25	2	+1·950	151 2 23·08	0·29	3	+17·76
821	Lacaille 4240 ...	7·6	10 11 29·93	0·27	3	+1·930	151 54 53·96	0·27	3	+17·85
822	Lacaille 4241 ...	6	10 11 46·83	0·27	3	+2·049	149 16 51·48	0·25	4	+17·86
823	Lacaille 4249 ...	4	10 12 54·66	0·25	4	+1·999	150 42 30·01	0·25	4	+17·90
824	γ^1 Leonis.....	2	10 13 4·69	0·29	6	+3·316				
825	Lacaille 4259 ...	6·7	10 13 46·04	0·24	3	+1·802	154 48 15·35	0·24	3	+17·94
826	Lacaille 4256 ...	6	10 14 4·80	0·27	3	+2·205	145 29 18·48	0·27	3	+17·95
827	Lacaille 4268 ...	7·6	10 15 12·44	0·26	3	+1·860	154 2 57·46	0·26	3	+17·99
828	Lacaille 4265 ...	7·6	10 15 16·20	0·27	3	+2·109	148 31 7·18	0·27	3	+18·00
829	Lacaille 4274 ...	6·7	10 15 51·38	0·25	3	+1·841	154 30 34·26	0·24	4	+18·02
830	Lacaille 4285 ...	7	10 17 25·52	0·24	3	+1·856	154 33 57·68	0·24	3	+18·08
831	Lacaille 4282 ...	6·7	10 17 39·93	0·23	3	+2·161	147 38 9·29	0·23	3	+18·09
832	Lacaille 4292 ...	7	10 19 14·64	0·28	3	+2·141	148 34 7·89	0·28	3	+18·15
833	Lacaille 4291 ...	6	10 19 16·58	0·24	3	+2·186	147 19 14·90	0·24	3	+18·15
834	Lacaille 4300 ...	6	10 20 27·77	0·23	3	+2·174	147 56 32·40	0·23	4	+18·19
835	*	8·7	10 22 21·01	0·25	1	+2·152	149 1 59·16	0·25	1	+18·26
836	Lacaille 4312 ...	7·8	10 22 39·14	0·29	3	+1·957	153 42 55·69	0·29	3	+18·27
837	Lacaille 4310 ...	5	10 22 45·09	0·26	3	+2·225	147 0 6·04	0·26	3	+18·28
838	Lacaille 4314 ...	5·4	10 23 17·69	0·24	3	+2·193	148 6 5·93	0·24	3	+18·30
839	Lacaille 4311 ...	7	10 23 19·35	0·29	3	+2·003	152 53 8·75	0·29	3	+18·30
840	Lacaille 4316 ...	6·7	10 23 20·96	0·32	3	+2·026	152 23 8·69	0·33	4	+18·30

No. 827: Lacaille 4268.—Double Star; components each 7·6 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
841	Lacaille 4313 ...	7·6	10 23 21·48	0·32	4	+2·244	146 33 38·43	0·32	4	+18·30
842	Lacaille 4318 ...	6·7	10 24 4·07	0·35	3	+2·027	152 31 33·96	0·35	3	+18·32
843	Lacaille 4320 ...	6·7	10 24 6·06	0·32	2	+2·248	146 35 40·56	0·32	2	+18·32
844	*	7·8	10 24 28·56	0·32	3	+2·057	151 57 0·71	0·32	2	+18·34
845	*	7	10 24 30·59	0·33	2	+2·057	151 56 41·73	0·33	4	+18·34
846	Lacaille 4328 ...	7·6	10 24 31·16	0·35	3	+2·059	151 54 36·11	0·35	3	+18·34
847	Lacaille 4323 ...	7	10 24 33·51	0·33	3	+2·173	148 58 20·75	0·30	4	+18·34
848	Lacaille 4330 ...	6·5	10 24 43·42	0·34	3	+1·988	153 31 59·59	0·34	3	+18·35
849	Lacaille 4331 ...	6·7	10 24 59·26	0·32	3	+1·941	154 32 17·22	0·32	3	+18·36
850	Lacaille 4332 ...	6	10 25 37·98	0·31	3	+2·266	146 26 11·80	0·31	3	+18·38
851	Lacaille 4337 ...	6·7	10 26 12·51	0·28	3	+2·124	150 42 56·46	0·28	3	+18·40
852	ρ Leonis	4	10 26 13·61	0·26	1	+3·166				
853	Lacaille 4348 ...	5·4	10 27 35·00	0·34	3	+2·124	151 2 34·01	0·34	3	+18·45
854	Lacaille 4353 ...	7	10 27 35·97	0·27	3	+2·030	153 17 51·92	0·27	3	+18·45
855	Brisbane 3076...	7·6	10 28 6·98	0·33	4	+2·237	148 1 23·99	0·34	3	+18·46
856	Lacaille 4355 ...	7·6	10 28 23·18	0·28	3	+2·190	149 28 11·33	0·28	3	+18·47
857	Lacaille 4356 ...	6	10 28 42·06	0·26	4	+2·257	147 32 45·05	0·25	3	+18·48
858	Lacaille 4366 ...	7·6	10 29 40·17	0·27	3	+2·171	150 20 32·53	0·25	4	+18·52
859	Lacaille 4352 ...	7·8	10 30 15·81	0·29	2	+2·281	147 10 56·28	0·29	2	+18·54
860	Lacaille 4376 ...	7	10 30 38·97	0·27	3	+2·054	153 29 16·83	0·27	3	+18·55
861	*	7·8	10 30 41·11	0·27	3	+2·054	153 28 58·48	0·27	3	+18·55
862	Lacaille 4373 ...	4·3	10 30 47·46	0·28	3	+2·294	146 54 39·68	0·28	3	+18·55
863	*	6	10 30 56·33	0·23	4	+2·276	147 32 45·50	0·21	3	+18·56
864	Lacaille 4375 ...	6	10 31 3·61	0·21	3	+2·276	147 34 36·97	0·21	3	+18·56
865	*	7	10 31 24·74	0·30	1	+2·290	147 12 56·13	0·30	1	+18·58
866	Lacaille 4380 ...	5	10 31 39·92	0·32	3	+2·239	148 54 55·53	0·32	3	+18·58
867	Lacaille 4383 ...	7	10 31 50·18	0·31	4	+2·252	148 32 32·98	0·31	4	+18·59
868	*	7	10 31 57·12	0·33	4	+2·254	148 31 13·20	0·35	3	+18·59
869	Lacaille 4388 ...	6	10 32 41·48	0·29	3	+2·274	148 5 5·01	0·29	3	+18·62
870	Lacaille 4390 ...	6	10 33 11·14	0·29	3	+2·322	146 36 25·13	0·29	3	+18·63
871	Lacaille 4396 ...	5·4	10 33 59·77	0·25	3	+2·272	148 31 58·43	0·25	3	+18·66
872	Lacaille 4405 ...	7	10 34 0·32	0·32	3	+2·050	154 23 32·48	0·32	3	+18·66
873	Lacaille 4397 ...	7	10 34 0·58	0·32	3	+2·269	148 36 44·66	0·32	3	+18·66
874	*	7·8	10 34 12·40	0·35	1	+2·271	148 37 6·11	0·35	1	+18·67
875	Lacaille 4401 ...	6	10 34 13·72	0·32	3	+2·285	148 10 1·41	0·32	3	+18·67

No. 864: Lacaille 4375.—The Star observed is in the centre of a cluster.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
876	Lacaille 4403 ...	7	10 34 25·80	0·28	3	+2·368	145 20 21·10	0·28	3	+18·67
877	Lacaille 4409 ...	6	10 34 30·31	0·31	3	+2·080	153 50 52·17	0·31	3	+18·68
878	Lacaille 4408 ...	7·6	10 34 50·47	0·33	3	+2·220	150 20 4·94	0·33	3	+18·69
879	Lacaille 4410 ...	7·6	10 34 59·07	0·33	3	+2·102	153 27 39·15	0·33	3	+18·69
880	Lacaille 4418 ...	6	10 35 51·92	0 33	3	+2·069	154 26 55·42	0·33	3	+18·72
881	Lacaille 4424 ...	7	10 36 19·20	0·36	3	+2·094	154 0 3·96	0·36	3	+18·73
882	Lacaille 4420 ...	7·6	10 36 27·46	0·34	5	+2·269	149 19 15·39	0·34	5	+18·74
883	Lacaille 4417 ...	7	10 36 27·62	0·32	2	+2·381	145 24 58·32	0·35	3	+18·74
884	Lacaille 4422 ...	6·7	10 36 31·33	0·38	3	+2·279	149 1 26·94	0·39	4	+18·74
885	Lacaille 4427 ...	6	10 36 42·08	0·28	3	+2·105	153 49 18·61	0·28	3	+18·74
886	*	7·8	10 37 21·17	0·35	2	+2·280	149 12 57·38	0·31	1	+18·76
887	Lacaille 4425 ...	7·8	10 37 21·25	0·41	3	+2·279	149 15 11·66	0·41	3	+18·76
888	Lacaille 4434 ...	7	10 37 29·38	0·35	3	+2·154	152 51 13·41	0·35	3	+18·77
889	Lacaille 4433 ...	7	10 37 44·45	0·36	3	+2·370	146 13 23·79	0·36	3	+18·78
890	Lacaille 4440 ...	6	10 37 48·09	0·26	5	+2·118	153 48 46·11	0·26	5	+18·78
891	Lacaille 4435 ...	6·5	10 37 50·92	0·33	3	+2·305	148 33 42·10	0·33	3	+18·78
892	Lacaille 4443 ...	7·6	10 38 20·60	0·21	3	+2·254	150 19 56·02	0·21	3	+18·80
893	Lacaille 4445 ...	6·7	10 38 26·96	0·34	3	+2·249	150 30 49·99	0·34	3	+18·80
894	Lacaille 4447 ...	3	10 38 29·93	0·32	4	+2·129	153 44 24·81	0·34	2	+18·80
895	Lacaille 4446 ...	5	10 38 47·04	0·37	3	+2·272	149 54 41·59	0·37	3	+18·81
896	Lacaille 4448 ...	6·7	10 39 4·76	0·37	3	+2·289	149 27 44·18	0·37	3	+18·82
897	Lacaille 4449 ...	7·6	10 39 7·74	0·41	3	+2·307	148 53 31·81	0·41	3	+18·82
898	Brisbane 3190 ...	7	10 39 17·51	0·35	1	+2·307	148 55 9·56	0·35	1	+18·82
899	Lacaille 4452 ...	6	10 39 22·04	0·37	3	+2·145	153 35 36·62	0·37	3	+18·83
900	Lacaille 4451 ...	6·7	10 39 34·29	0·37	3	+2·297	149 20 14·72	0·37	3	+18·83
901	Lacaille 4455 ...	6·5	10 39 35·90	0·34	3	+2·159	153 18 20·27	0·34	3	+18·83
902	Lacaille 4457 ...	6	10 40 12·97	0·30	3	+2·312	149 1 40·21	0·30	3	+18·85
903	Lacaille 4464 ...	6	10 41 29·13	0·31	3	+2·296	149 56 41·91	0·31	3	+18·89
904	Lacaille 4465 ...	7	10 41 29·70	0·33	3	+2·253	151 17 1·29	0·33	3	+18·89
905	Lacaille 4471 ...	6	10 41 45·32	0·33	4	+2·160	153 51 24·29	0·33	4	+18·90
906	Lacaille 4470 ...	7·6	10 41 48·75	0·35	3	+2·208	152 38 22·38	0·35	3	+18·90
907	Lacaille 4468 ...	5	10 41 55·16	0·33	3	+2·408	146 5 54·96	0·33	3	+18·90
908	Lacaille 4473 ...	6	10 41 56·65	0·36	3	+2·173	153 36 18·68	0·36	3	+18·90
909	Lacaille 4475 ...	6	10 42 18·30	0·32	3	+2·172	153 43 29·81	0·32	3	+18·91
910	*	7·8	10 42 35·52	0·38	1	+2·180	153 36 22·72	0·38	1	+18·92

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
911	/ Leonis	5	10 42 41·19	0·25	2	+3·157				
912	Lacaille {4476 4479}	6	10 42 51·48	0·28	3	+2·331	149 12 56·93	0·28	3	+18·93
913	Lacaille 4485 ...	7·6	10 43 6 88	0·36	2	+2·174	153 53 16·15	0·36	2	+18·94
914	Lacaille {4482 4484}	6	10 43 13·20	0·31	3	+2·333	149 15 34·48	0·31	3	+18·94
915	Lacaille 4487 ...	7·6	10 43 18·75	0·31	3	+2·188	153 36 13·24	0·31	3	+18·94
916	Lacaille 4493 ...	6	10 44 27·76	0·23	3	+2·362	148 39 46·19	0·23	3	+18·98
917	Lacaille 4495 ...	7	10 45 27·81	0·27	3	+2·270	151 58 26·32	0·27	3	+19·00
918	Lacaille 4497 ...	7	10 45 48·79	0·26	3	+2·317	150 36 26·82	0·26	3	+19·01
919	Lacaille 4501 ...	7·6	10 46 41·51	0·27	3	+2·435	146 36 33·47	0·27	3	+19·04
920	Lacaille 4507 ...	5·6	10 47 23·90	0·26	4	+2·441	146 34 36·50	0·28	3	+19·06
921	Brisbane 3272...	7	10 48 18·61	0·36	4	+2·408	148 13 44·96	0·35	3	+19·08
922	Lacaille 4514 ...	7·6	10 48 23·27	0·28	3	+2·469	145 45 21·03	0·28	3	+19·08
923	Lacaille 4515 ...	5·4	10 48 25·20	0·30	5	+2·410	148 11 22·96	0·30	3	+19·08
924	Lacaille 4524 ...	6	10 49 35·36	0·26	3	+2·338	151 9 38·82	0·26	3	+19·11
925	Lacaille 4530 ...	6·7	10 50 17·86	0·22	3	+2·383	149 51 12·67	0·22	3	+19·13
926	Lacaille 4536 ...	7	10 51 38·57	0·26	3	+2·362	151 2 28·68	0·26	3	+19·17
927	Lacaille 4542 ...	6·7	10 52 42·84	0·20	3	+2·427	149 3 50·27	0·20	3	+19·20
928	Lacaille 4541 ...	7	10 52 48·22	0·27	3	+2·518	145 6 53·53	0·27	3	+19·20
929	Lacaille 4556 ...	6	10 54 12·50	0·26	3	+2·399	150 39 4·78	0·26	3	+19·23
930	Lacaille 4560 ...	7	10 54 39·00	0·24	3	+2·371	151 48 51·49	0·24	3	+19·24
931	Lacaille 4573 ...	7·6	10 56 55·01	0·22	3	+2·339	153 37 55·26	0·22	3	+19·30
932	Lacaille 4574 ...	7	10 57 35·04	0·25	3	+2·472	149 4 7·58	0·25	3	+19·32
933	*	7	10 57 56·54	0·33	3	+2·449	150 9 8·29	0·33	3	+19·32
934	Lacaille 4579 ...	6·7	10 57 58·15	0·23	3	+2·447	150 14 16·86	0·23	3	+19·32
935	χ Leonis	5	10 58 34·15	0·32	3	+3·098				
936	Lacaille 4585 ...	6·7	10 58 43·10	0·29	4	+2·522	147 16 54·50	0·29	3	+19·34
937	*	7·8	10 59 12·97	0·28	2	+2·485	149 11 41·08	0·28	2	+19·35
938	*	7·8	10 59 19·50	0·37	2	+2·484	149 15 54·79	0·37	2	+19·36
939	Lacaille 4592 ...	6·7	10 59 44·26	0·28	3	+2·490	149 11 5·63	0·28	3	+19·37
940	Lacaille 4595 ...	7	10 59 49·21	0·21	3	+2·494	149 2 22·20	0·21	3	+19·37
941	Lacaille 4597 ...	7	10 59 52·64	0·26	2	+2·363	153 56 30·60	0·26	2	+19·37
942	*	7·8	10 59 54·07	0·36	3	+2·489	149 16 55·76	0·36	3	+19·37
943	Lacaille 4602 ...	6·7	11 0 51·45	0·33	4	+2·498	149 16 29·59	0·33	4	+19·39
944	Lacaille 4604 ...	6·5	11 1 11·05	0·34	4	+2·529	148 0 0·06	0·33	3	+19·40
945	Lacaille 4612 ...	7	11 1 20·79	0·33	3	+2·352	154 50 3·90	0·33	3	+19·40

No. 940: Lacaille 4595.—A Star 8 mag. precedes 2ˢ·16 by one observation, and has nearly the same N.P.D.

No. 944.—The Star observed is the brightest Star in the so-called nebula of Lacaille 4604.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
946	Lacaille 4611 ...	5·6	11 1 25·28	0·35	3	+2·443	151 44 56·68	0·35	3	+19·40
947	Lacaille 4613 ...	6·7	11 1 25·93	0·34	3	+2·374	154 9 51·98	0·34	3	+19·40
948	*	7	11 2 52·46	0·32	3	+2·498	150 8 57·86	0·32	3	+19·43
949	Lacaille 4627 ...	5	11 3 15·36	0·32	3	+2·542	148 17 53·66	0·32	3	+19·44
950	Lacaille 4626 ...	6·7	11 3 18·03	0·26	3	+2·580	146 23 21·29	0·26	3	+19·44
951	Lacaille 4629 ...	6	11 3 22·27	0·34	3	+2·476	151 16 14·25	0·34	3	+19·45
952	Lacaille 4631 ...	7	11 3 27·20	0·37	3	+2·380	154 45 8·10	0·37	3	+19·45
953	Lacaille 4648 ...	7·6	11 6 20·28	0·20	3	+2·543	149 37 53·88	0·20	3	+19·51
954	Lacaille 4652 ...	5·4	11 7 14·56	0·20	3	+2·552	149 38 17·81	0·20	3	+19·53
955	δ Leonis	2·3	11 7 27·43	0·44	3	+3·201				
956	Lacaille 4657 ...	5·6	11 7 35·20	0·24	3	+2·465	153 29 24·66	0·24	2	+19·53
957	Lacaille 4658 ...	7	11 8 1·24	0·27	3	+2·621	146 22 17·98	0·27	3	+19·54
958	Lacaille 4661 ...	6	11 8 6·66	0·29	3	+2·574	148 56 21·33	0·29	3	+19·54
959	*	7·8	11 8 52·23	0·30	1	+2·588	148 33 36·93	0·30	1	+19·56
960	*	7	11 9 27·76	0·30	1	+2·587	148 31			
961	Lacaille 4677 ...	7·6	11 10 11·31	0·27	3	+2·634	146 40 27·12	0·27	3	+19·58
962	Lacaille 4695 ...	7	11 11 47·11	0·32	3	+2·606	149 5 14·31	0·29	4	+19·61
963	*	7	11 11 58·01	0·33	3	+2·620	148 25 22·73	0·33	3	+19·62
964	Lacaille 4700 ...	7	11 12 11·66	0·30	3	+2·534	152 47 37·49	0·30	3	+19·62
965	Lacaille 4696 ...	7	11 12 18·04	0·30	4	+2·621	148 31 31·15	0·30	3	+19·62
966	Lacaille 4699 ...	7	11 12 23·93	0·28	3	+2·622	148 33 13·54	0·28	3	+19·62
967	δ Crateris.....	3·4	11 13 5·54	0·22	4	+2·995				
968	Lacaille 4712 ...	6	11 14 3·09	0·25	3	+2·529	153 54 1·91	0·25	3	+19·65
969	Brisbane 3534 ...	7	11 14 28·01	0·36	1	+2·642	148 30 14·91	0·36	1	+19·66
970	Lacaille 4726 ...	7	11 16 35·01	0·28	3	+2·700	145 55 5·82	0·26	4	+19·70
971	*	6	11 16 38·33	0·30	3	+2·675	147 41 57·32	0·30	3	+19·70
972	*	7	11 16 52·00	0·34	3	+2·700	146 5 43·54	0·34	3	+19·70
973	Lacaille 4733 ...	7·6	11 17 10·73	0·31	4	+2·681	147 37 47·48	0·30	3	+19·71
974	Lacaille 4734 ...	6	11 17 28·01	0·30	5	+2·705	146 5 37·72	0·30	5	+19·71
975	Lacaille 4737 ...	6	11 17 57·77	0·28	3	+2·566	154 16 8·54	0·28	3	+19·72
976	Brisbane 3561 ...	7·6	11 18 0·07	0·36	1	+2·689	147 34 50·00	0·36	1	+19·72
977	Lacaille 4738 ...	7	11 18 15·67	0·26	3	+2·561	154 39 23·90	0·26	3	+19·72
978	Lacaille 4747 ...	5	11 20 19·02	0·26	3	+2·615	153 16 59·35	0·26	3	+19·75
979	Lacaille 4751 ...	5·6	11 20 58·44	0·27	3	+2·673	150 25 40·07	0·27	3	+19·76
980	τ Leonis	5	11 21 30·54	0·38	1	+3·086				

No. 963.—Double Star.

No. 975: Lacaille 4737.—Double Star = Herschel 4902; components 6 and 7 mag. respectively.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
981	Lacaille 4762 ...	6·7	11 23 39·39	0·26	3	+2·660	152 51 55·57	0·26	3	+19·80
982	Lacaille 4771 ...	7·6	11 25 32·39	0·26	3	+2·717	150 35 21·19	0·26	3	+19·83
983	Lacaille 4774 ...	5	11 25 59·79	0·26	3	+2·747	148 45 8·59	0·26	3	+19·83
984	Lacaille 4775 ...	5·6	11 26 2·72	0·26	4	+2·746	148 49 33·76	0·24	3	+19·83
985	Lacaille 4781 ...	6·7	11 26 46·00	0·27	3	+2·751	149 1 40·17	0·27	3	+19·84
986	*	7	11 28 1·81	0·38	2	+2·748	150 11 43·93	0·38	2	+19·86
987	Lacaille 4793 ...	7	11 28 33·59	0·29	3	+2·685	154 43 8·90	0·29	3	+19·87
988	Lacaille 4797 ...	7	11 29 9·18	0·29	3	+2·812	145 25 53·47	0·29	3	+19·87
989	Lacaille 4798 ...	7 6	11 29 28·39	0·31	3	+2·762	150 12 10·03	0·31	3	+19·88
990	Lacaille 4801 ...	6·7	11 29 53·95	0·27	3	+2·762	150 35 48·15	0·27	3	+19·88
991	Lacaille 4809 ...	7	11 29 56·89	0·34	3	+2·758	150 53 12·82	0·34	3	+19·88
992	Lacaille 4804 ...	3·4	11 30 1·52	0·36	3	+2·740	152 19 42·15	0·36	3	+19·88
993	Lacaille 4810 ...	6·7	11 30 32·80	0·30	3	+2·771	150 21 40·73	0·30	3	+19·89
994	*v Leonis*	5·4	11 30 32·87	0·42	1	+3·069				
995	Lacaille 4816 ...	5·6	11 31 14·11	0·26	4	+2·775	150 35 30·48	0·26	4	+19·90
996	Lacaille 4817 ...	7	11 31 41·97	0·33	3	+2·791	149 40 23·18	0·33	3	+19·90
997	Lacaille 4820 ...	6·7	11 31 43·80	0·31	2	+2·785	150 12 42·63	0·31	2	+19·90
998	Lacaille 4821 ...	7	11 32 0·31	0·33	2	+2·758	152 37 53·16	0·33	2	+19·90
999	Lacaille 4834 ...	6	11 32 17·56	0·40	3	+2·780	151 8 5·93	0·40	3	+19·91
1000	Lacaille 4827 ...	7·6	11 32 21·10	0·38	3	+2·763	152 30 17·55	0·38	3	+19·91
1001	*	7·8	11 32 23·83	0·47	2	+2·761	152 41 55·84	0·47	2	+19·91
1002	Lacaille 4829 ...	7·6	11 32 31·54	0·40	5	+2·763	152 40 50·67	0·40	5	+19·91
1003	*	8·7	11 32 58·52	0·42	1	+2·798	150 12 10·51	0·42	1	+19·92
1004	Lacaille 4832 ...	7	11 33 13·87	0·35	3	+2·832	147 2 50·75	0·35	3	+19·92
1005	*	7	11 33 42·34	0·38	3	+2·795	151 6 26·37	0·38	3	+19·92
1006	Lacaille 4843 ...	6·5	11 33 42·70	0·41	3	+2·749	154 42 18·55	0·41	3	+19·92
1007	Lacaille 4844 ...	7	11 34 23·25	0·36	3	+2·795	151 44 23·32	0·36	3	+19·93
1008	Lacaille 4848 ...	7	11 34 43·73	0·41	4	+2·797	151 52 31·59	0·41	4	+19·93
1009	Lacaille 4856 ...	5·6	11 34 59·69	0·36	3	+2·805	151 23 49·68	0·36	3	+19·93
1010	*	7·6	11 35 7·91	0·42	1	+2·819	150 13 50·46	0·42	1	+19·94
1011	*	8	11 35 49·23	0·36	2	+2·848	147 53 34·25	0·36	2	+19·94
1012	Lacaille 4860 ...	7·6	11 35 56·29	0·31	3	+2·834	149 32 15·48	0·31	3	+19·94
1013	Lacaille 4861 ...	7·6	11 36 16·81	0·41	3	+2·861	146 52 19·35	0·41	3	+19·95
1014	Lacaille 4862 ...	7	11 36 31·19	0·34	3	+2·810	152 26 56·14	0·34	3	+19·95
1015	Lacaille 4868 ...	5·6	11 37 34·00	0·31	3	+2·829	151 47 45·16	0·31	3	+19·96

No. 991 : Lacaille 4809.—The Star observed is at the beginning of a cluster.
No. 1004: Lacaille 4832.—On May 29 a * 8 mag. was observed. R.A. $11^h.\ 33^m.\ 14^s$. N.P.D. $147°\ 2'\ 59''.57$.
No. 1008 : Lacaille 4848.—Double Star ; companion 7·8 mag. precedes and is $2''.27$ South by an observation on May 19.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1016	Lacaille 4869 ...	6	11 37 55·41	0·30	3	+2·829	152 11 3·86	0·30	3	+19·96
1017	Lacaille 4888 ...	7	11 40 33·84	0·32	3	+2·865	151 23 7·06	0·32	3	+19·98
1018	Lacaille 4889 ...	7	11 40 37·76	0·34	3	+2·840	154 4 18·16	0·34	3	+19·98
1019	*	7	11 40 49·42	0·32	3	+2·876	150 20 48·55	0·32	3	+19·98
1020	Lacaille 4892 ...	5·6	11 41 13·29	0·33	4	+2·904	147 0 9·98	0·33	4	+19·99
1021	Lacaille 4897 ...	7	11 42 4·08	0·33	3	+2·908	147 31 32·75	0·34	4	+19·99
1022	β Leonis	2	11 42 40·96	0·30	8	+3·064				
1023	Lacaille 4901	7	11 43 4·70	0·29	3	+2·921	146 59 48·35	0·29	3	+20·00
1024	Lacaille 4903 ...	5·4	11 43 36·75	0·34	3	+2·884	153 5 36·80	0·34	3	+20·00
1025	β Virginis	3·4	11 44 11·06	0·22	1	+3·076				
1026	Lacaille 4908 ...	6	11 44 20·73	0·37	3	+2·901	151 57 15·32	0·37	3	+20·01
1027	Lacaille 4914 ...	7·6	11 45 4·98	0·34	3	+2·914	151 9 4·37	0·34	3	+20·01
1028	Lacaille 4919 ...	7	11 45 42·24	0·35	3	+2·902	153 54 1·39	0·35	3	+20·02
1029	Lacaille 4920 ...	5	11 45 45·21	0·38	3	+2·898	154 30 37·41	0·38	3	+20·02
1030	Lacaille 4922 ...	6·5	11 45 59·88	0·29	3	+2·950	146 17 37·37	0·29	3	+20·02
1031	Lacaille 4924 ...	7	11 46 29·16	0·35	3	+2·927	151 32 23·15	0·35	3	+20·02
1032	Lacaille 4927 ...	7	11 47 11·78	0·34	3	+2·914	154 42 32·57	0·34	3	+20·02
1033	Lacaille 4929 ...	7	11 47 34·86	0·32	4	+2·920	154 35 38·81	0·32	4	+20·02
1034	Lacaille 4931 ...	6	11 47 57·60	0·36	3	+2·965	146 42 52·62	0·36	3	+20·03
1035	Lacaille 4934 ...	7	11 48 12·23	0·29	3	+2·969	146 16 27·26	0·29	3	+20·03
1036	Lacaille 4936 ...	6·7	11 48 42·94	0·35	3	+2·977	145 23 38·06	0·35	3	+20·03
1037	*	8·7	11 48 46·13	0·30	1	+2·950	151 52 55·81	0·30	1	+20·03
1038	Lacaille 4937 ...	6·7	11 48 47·71	0·38	3	+2·946	152 35 0·77	0·38	3	+20·03
1039	Lecaille 4938 ...	7	11 48 48·79	0·36	3	+2·950	151 52 55·03	0·36	3	+20·03
1040	Lacaille 4946 ...	7	11 50 42·36	0·35	3	+2·968	152 33 11·37	0·35	4	+20·04
1041	Lacaille 4951 ...	6	11 51 23·93	0·36	3	+2·979	151 45 9·54	0·36	3	+20·04
1042	Lacaille 4952 ...	7·6	11 51 29·31	0·36	3	+2·987	149 45 20·03	0·36	3	+20·04
1043	Lacaille 4954 ...	7	11 51 42·12	0·36	3	+3·000	146 10 9·32	0·36	3	+20·04
1044	Lacaille 4956 ...	7	11 51 42·57	0·38	3	+2·970	154 37 35·22	0·38	3	+20·04
1045	Lacaille 4959 ...	6·5	11 51 56·76	0·33	3	+3·004	145 37 17·51	0·33	3	+20·04
1046	Lacaille 4960 ...	7	11 52 3·24	0·38	3	+2·995	149 3 33·13	0·38	3	+20·04
1047	Lacaille 4963 ...	5·6	11 52 30·07	0·36	3	+2·984	153 38 37·43	0·36	3	+20·04
1048	Lacaille 4969 ...	7·6	11 53 4·56	0·35	4	+3·011	146 28 18·27	0·35	4	+20·04
1049	Lacaille 4972 ...	6·7	11 53 6·91	0·37	3	+2·996	152 8 6·19	0·37	3	+20·05
1050	*	7	11 53 29·62	0·37	2	+3·001	152 8 8·43	0·37	2	+20·05

No. 1028: Lacaille 4919.—Double Star; companion 8·9 mag. precedes and is 3″·95 South by an observation on May 29.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1051	Lacaille 4973 ...	7·8	11 53 36·12	0·26	3	+3·018	145 35 58·21	0·26	3	+20·05
1052	Lacaille 4977 ...	6	11 55 7·84	0·31	3	+3·029	146 48 26·57	0·31	3	+20·05
1053	Lacaille 4982 ...	7	11 56 1·49	0·36	3	+3·029	151 43 2·48	0·36	3	+20·05
1054	Lacaille 4983 ...	7	11 56 8·12	0·38	3	+3·039	145 51 52·49	0·38	3	+20·05
1055	Lacaille 4986 ...	7	11 56 32·82	0·39	3	+3·035	151 28 44·65	0·39	3	+20·05
1056	Lacaille 4987 ...	7	11 56 37·34	0·39	3	+3·042	146 33 51·32	0·39	3	+20·05
1057	Lacaille 4990 ...	5	11 56 40·21	0·45	1	+3·035	152 37 1·20	0·45	1	+20·05
1058	Lacaille 4998 ...	7	11 57 50·69	0·36	3	+3·053	146 40 5·59	0·36	3	+20·05
1059	Lacaille 4999 ...	5	11 57 53·82	0·37	3	+3·049	152 28 11·68	0·37	3	+20·05
1060	Lacaille 5001 ...	7·6	11 58 19·93	0·37	3	+3·056	148 33 25·26	0·37	3	+20·05
1061	Lacaille 5002 ...	7	11 58 20·93	0·38	3	+3·055	151 18 3·59	0·38	3	+20·05
1062	*	7·8	11 58 22·65	0·38	3	+3·055	151 18 22·88	0·42	2	+20·05
1063	Lacaille 5003 ...	6·7	11 58 31·31	0·36	3	+3·057	150 16 18·56	0·36	3	+20·05
1064	Lacaille 5006 ...	7	11 58 42·64	0·41	3	+3·059	150 28 58·65	0·41	3	+20·05
1065	Lacaille 5009 ...	7	11 58 57·24	0·41	3	+3·061	152 16 47·73	0·41	3	+20·05
1066	Lacaille 5010 ...	7	11 59 4·28	0·41	3	+3·061	153 34 39·48	0·41	3	+20·05
1067	Lacaille 5023 ...	4·5	12 0 22·61	0·35	3	+3·077	153 54 58·94	0·35	3	+20·05
1068	Lacaille 5026 ...	7·6	12 0 48·85	0·37	3	+3·082	153 59 9·84	0·37	4	+20·05
1069	Lacaille 5032 ...	6	12 1 54·07	0·37	3	+3·092	150 9 4·89	0·37	3	+20·05
1070	Lacaille 5039 ...	7·6	12 2 52·08	0·37	3	+3·100	149 4 24·61	0·37	3	+20·05
1071	ε Corvi.....	3	12 3 41·86	0·46	3	+3·076				
1072	Lacaille 5046 ...	7·6	12 4 10·56	0·33	3	+3·108	145 44 46·38	0·33	3	+20·05
1073	Lacaille 5051 ...	6	12 4 32·72	0·38	3	+3·119	150 34 52·02	0·38	3	+20·05
1074	Lacaille 5050 ...	7·6	12 4 33·85	0·36	3	+3·111	145 42 19·47	0·36	3	+20·05
1075	Lacaille 5056 ...	6·7	12 5 23·67	0·37	3	+3·136	153 48 52·99	0·37	3	+20·05
1076	Lacaille 5057 ...	6·7	12 5 45·32	0·34	3	+3·136	152 15 19·13	0·34	3	+20·05
1077	Lacaille 5058 ...	7·6	12 5 51·26	0·34	3	+3·130	149 22 20·46	0·34	3	+20·05
1078	Lacaille 5061 ...	7	12 6 7·40	0·27	3	+3·133	149 20 42·12	0·27	3	+20·05
1079	Lacaille 5070 ...	6·7	12 7 36·51	0·32	3	+3·162	153 42 47·96	0·32	3	+20·04
1080	Brisbane 3962 ...	7	12 7 44				177 43 12·75	0·45	1	+20·04
1081	Lacaille 5075 ...	3·4	12 8 31·15	0·35	3	+3·152	148 3 12·28	0·35	3	+20·04
1082	Lacaille 5082 ...	7·6	12 9 57·87	0·32	3	+3·184	152 30 11·61	0·32	3	+20·03
1083	Lacaille 5087 ...	7·6	12 11 14·82	0·30	3	+3·174	147 9 20·19	0·30	3	+20·03
1084	Lacaille 5090 ...	5	12 11 40·70	0·33	3	+3·208	153 18 29·04	0·33	3	+20·03
1085	Lacaille 5094 ...	7·6	12 13 6·54	0·30	3	+3·217	152 9 36·45	0·30	3	+20·02

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1086	η Virginis	3·4	12 13 30·66	0·39	6	+3·065				
1087	Lacaille 5108 ...	7·6	12 14 32·73	0·33	3	+3·229	151 35 16·01	0·33	3	+20·01
1088	Lacaille 5110 ...	4	12 14 37·60	0·39	3	+3·218	149 42 36·65	0·39	3	+20·01
1089	Lacaille 5115 ...	7·8	12 15 11·78	0·37	3	+3·205	146 21 19·57	0·37	3	+20·01
1090	Lacaille 5116 ...	6·7	12 15 13·49	0·38	3	+3·202	145 40 50·24	0·38	3	+20·01
1091	Lacaille 5120 ...	6·5	12 16 3·85	0·39	3	+3·216	146 58 55·89	0·39	3	+20·01
1092	Lacaille 5136 ...	7	12 17 58·67	0·38	3	+3·292	154 31 3·92	0·38	3	+19·99
1093	Lacaille 5147 ...	6	12 19 34·97	0·33	3	+3·291	152 25 45·01	0·33	3	+19·98
1094	Lacaille 5148 ...	2·3	12 19 39·52	0·33	3	+3·292	152 24 21·25	0·33	3	+19·98
1095	*	3	12 19 40·29	0·33	3	+3·292	152 24 24·67	0·34	2	+19·98
1096	Lacaille 5152 ...	7·6	12 20 26·38	0·38	3	+3·307	153 5 46·43	0·38	3	+19·97
1097	Lacaille 5155 ...	7	12 20 27·44	0·38	3	+3·243	145 2 33·37	0·38	3	+19·97
1098	Lacaille 5157 ...	6	12 20 36·33	0·39	3	+3·267	148 17 59·00	0·39	3	+19·97
1099	Lacaille 5156 ...	7·6	12 20 36·93	0·39	3	+3·262	147 37 28·52	0·39	3	+19·97
1100	Lacaille 5161 ...	7	12 21 18·32	0·39	3	+3·297	151 4 6·06	0·39	3	+19·97
1101	Lacaille 5160 ...	6·7	12 21 18·85	0·45	4	+3·323	153 38 54·91	0·43	3	+19·97
1102	Lacaille 5163 ...	6·7	12 21 28·69	0·39	3	+3·299	151 6 9·32	0·39	3	+19·97
1103	Lacaille 5175 ...	6·7	12 21 45·82	0·47	3	+3·258	145 42 29·35	0·47	4	+19·96
1104	Lacaille 5165 ...	7	12 21 56·80	0·43	3	+3·305	151 10 44·43	0·43	3	+19·96
1105	Lacaille 5178 ...	6	12 23 1·43	0·47	3	+3·270	145 50 3·20	0·47	3	+19·95
1106	Lacaille 5169 ...	8	12 23 13·79	0·44	3	+3·268	145 22 45·36	0·44	3	+19·95
1107	Lacaille 5172 ...	7·6	12 23 21·01	0·42	4	+3·311	150 17 55·13	0·47	3	+19·95
1108	*	7	12 24 9·51	0·46	2	+3·276	145 22 33·18	0·46	2	+19·94
1109	Lacaille 5180 ...	2	12 24 14·77	0·45	3	+3·285	146 24 47·60	0·45	3	+19·94
1110	Brisbane 4081 ...	7·6	12 24 21·70	0·48	1	+3·286	146 23 23·68	0·48	1	+19·94
1111	Lacaille 5185 ...	5·6	12 24 42·21	0·40	3	+3·309	148 43 58·96	0·40	3	+19·94
1112	Lacaille 5186 ...	7·6	12 24 51·99	0·40	3	+3·354	152 48 55·97	0·40	3	+19·94
1113	Lacaille 5190 ...	6·7	12 25 14·41	0·38	3	+3·287	145 26 20·97	0·38	3	+19·93
1114	Lacaille 5201 ...	7	12 27 1·62	0·37	3	+3·305	145 52 49·03	0·37	3	+19·92
1115	*	7	12 27 4·38	0·43	2	+3·301	145 26 17·94	0·43	2	+19·91
1116	β Corvi	2·3	12 27 49·42	0·49	5	+3·132				
1117	Lacaille 5208 ...	7·6	12 28 23·54	0·40	3	+3·371	151 3 3·29	0·40	3	+19·90
1118	Lacaille 5209 ...	6·7	12 28 27·55	0·40	6	+3·373	151 8 58·77	0·39	4	+19·90
1119	Lacaille 5223 ...	7	12 31 7·01	0·30	3	+3·333	145 14 33·85	0·30	3	+19·87
1120	Brisbane 4091 ...	7	12 33 25				179 6 45·84	0·27	3	+19·84

No. 1100: Lacaille 5161.—Double Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1121	Lacaille 5237 ...	7	12 34 31·05	0·32	3	+3·484	154 2 32·11	0·32	3	+19·83
1122	Lacaille 5241 ...	5·6	12 34 45·87	0·34	3	+3·409	148 59 58·15	0·34	3	+19·82
1123	Lacaille 5245 ...	6·7	12 35 13·58	0·36	4	+3·432	150 19 54·97	0·36	4	+19·82
1124	Lacaille 5247 ...	6	12 35 31·24	0·37	3	+3·467	152 22 21·27	0·37	3	+19·81
1125	Lacaille 5249 ...	6·7	12 35 44·60	0·30	3	+3·372	145 15 38·25	0·30	3	+19·81
1126	Lacaille 5251 ...	6	12 36 3·28	0·40	3	+3·377	145 29 24·26	0·40	3	+19·81
1127	Lacaille 5253 ...	7·6	12 36 18·05	0·40	3	+3·413	148 13 1·89	0·40	3	+19·80
1128	Lacaille 5259 ...	7	12 37 25·77	0·41	3	+3·402	146 36 4·89	0·41	3	+19·79
1129	Lacaille 5264 ...	7·6	12 37 51·14	0·38	3	+3·444	149 23 28·08	0·38	3	+19·78
1130	Lacaille 5265 ...	5	12 38 17·89	0·35	3	+3·462	150 17 39·81	0·35	3	+19·77
1131	Lacaille 5273 ...	4·5	12 39 12·91	0·42	3	+3·407	145 48 15·11	0·42	3	+19·76
1132	*	7·8	12 39 13·98	0·48	1	+3·408	145 49 7·50	0·48	1	+19·76
1133	Lacaille 5274 ...	7	12 40 16·95	0·35	3	+3·468	149 23 50·32	0·35	3	+19·75
1134	Lacaille 5276 ...	7	12 40 24·60	0·37	3	+3·442	147 36 49·62	0·37	3	+19·74
1135	Lacaille 5277 ...	3	12 40 26·10	0·43	2	+3·463	149 0 17·90	0·43	2	+19·74
1136	Lacaille 5280 ...	7	12 41 27·51	0·40	3	+3·586	154 54 37·62	0·40	3	+19·73
1137	35 Virginis	6	12 41 29·63	0·26	1	+3·054				
1138	Lacaille 5268 ...	5	12 42 3				174 26 37·02	0·39	1	+19·72
1139	Lacaille 5286 ...	7	12 42 46·15	0·38	3	+3·538	151 57 36·59	0·38	3	+19·71
1140	Lacaille 5288 ...	7	12 42 49·54	0·37	3	+3·498	149 43 6·77	0·37	3	+19·70
1141	Lacaille 5293 ...	6	12 43 54·26	0·32	3	+3·507	149 38 56·36	0·31	4	+19·69
1142	Lacaille 5303 ...	6	12 45 55·67	0·31	4	+3·527	149 38 55·79	0·31	4	+19·65
1143	Lacaille 5306 ...	7	12 46 14·68	0·38	3	+3·530	149 40 11·69	0·38	3	+19·65
1144	Lacaille 5309 ...	6	12 46 22·12	0·32	4	+3·532	149 41 47·56	0·33	3	+19·65
1145	Lacaille 5314 ...	7	12 46 59·33	0·39	3	+3·504	147 45 5·20	0·39	3	+19·63
1146	Lacaille 5316 ...	5·6	12 47 14·71	0·41	3	+3·518	148 28 1·86	0·41	3	+19·63
1147	Lacaille 5317 ...	6·5	12 47 15·67	0·38	3	+3·486	146 29 55·95	0·38	3	+19·63
1148	Brisbane 4238 ...	6·7	12 47 16·92	0·38	3	+3·486	146 29 21·51	0·38	3	+19·63
1149	Lacaille 5321 ...	6·5	12 48 36·20	0·43	4	+3·492	146 9 27·93	0·43	4	+19·61
1150	Lacaille 5328 ...	7	12 49 30·63	0·39	3	+3·551	149 3 53·93	0·39	3	+19·59
1151	Lacaille 5350 ...	7	12 52 56·61	0·39	3	+3·596	149 42 1·06	0·39	3	+19·52
1152	Lacaille 5325 ...	7	12 53 44				176 53 11·49	0·48	2	+19·51
1153	Lacaille 5354 ...	7	12 53 57·79	0·38	3	+3·613	149 59 49·81	0·38	3	+19·50
1154	Lacaille 5366 ...	7	12 56 8·47	0·35	3	+3·552	145 58 20·64	0·35	3	+19·46
1155	Lacaille 5372 ...	7·6	12 57 7·97	0·37	3	+3·742	153 46 9·62	0·34	2	+19·43

No. 1143: Lacaille 5306.—Red Star in nebula.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1156	Lacaille 5377 ...	7	12 57 26·25	0·38	3	+3·571	146 23 2·03	0·38	3	+19·43
1157	Lacaille 5386 ...	7	12 59 7·94	0·38	3	+3·635	148 46 23·71	0·38	3	+19·39
1158	Lacaille 5391 ...	7	12 59 24·35	0·42	4	+3·624	148 8 8·04	0·41	4	+19·38
1159	Lacaille 5392 ...	6	12 59 42·59	0·40	3	+3·650	149 11 25·76	0·40	3	+19·38
1160	Lacaille 5394 ...	5·6	13 0 4·57	0·48	1	+3·803	154 38 12·62	0·48	1	+19·37
1161	*	8	13 0 (5)				154 38 18·08	0·48	1	+19·37
1162	Lacaille 5401 ...	7	13 0 28·42	0·43	3	+3·590	146 0 53·84	0·43	3	+19·36
1163	Lacaille 5402 ...	7	13 0 28·59	0·43	3	+3·584	145 42 56·50	0·43	3	+19·36
1164	θ Virginis	4·5	13 3 28·77	0·38	4	+3·099				
1165	Lacaille 5411 ...	6	13 3 53·43	0·38	3	+3·783	152 38 12·68	0·38	3	+19·28
1166	Lacaille 5415 ...	7·6	13 3 58·24	0·36	4	+3·623	146 14 35·92	0·36	4	+19·28
1167	Lacaille 5414 ...	7·6	13 4 4·37	0·40	3	+3·723	150 27 5·78	0·40	3	+19·28
1168	Lacaille 5419 ...	7·8	13 4 24·17	0·44	4	+3·628	146 17 29·90	0·48	3	+19·27
1169	Lacaille 5418 ...	6·5	13 4 30·49	0·44	3	+3·697	149 15 17·01	0·44	3	+19·27
1170	Lacaille 5423 ...	7	13 4 56·72	0·43	3	+3·743	150 52 46·67	0·43	3	+19·25
1171	Lacaille 5425 ...	6	13 5 7·60	0·41	3	+3·700	149 8 53·62	0·41	3	+19·25
1172	Lacaille 5431 ...	7	13 6 2·11	0·44	4	+3·787	151 59 24·40	0·44	5	+19·23
1173	Lacaille 5436 ...	7·6	13 6 27·02	0·46	3	+3·684	148 1 12·28	0·46	3	+19·22
1174	Lacaille 5437 ...	5·4	13 6 31·76	0·43	3	+3·695	148 26 4·40	0·43	3	+19·22
1175	Lacaille 5434 ...	7·6	13 6 39·75	0·50	2	+3·822	152 55 4·15	0·50	2	+19·21
1176	Lacaille 5446 ...	7	13 7 36·55	0·44	3	+3·662	146 35 45·92	0·44	3	+19·19
1177	Lacaille 5453 ...	7	13 8 23·82	0·43	3	+3·664	146 23 59·29	0·43	3	+19·17
1178	Lacaille 5449 ...	6·7	13 8 31·95	0·44	3	+3·897	154 28 29·78	0·44	3	+19·16
1179	Lacaille 5461 ...	7·6	13 10 10·92	0·37	3	+3·856	152 47 20·58	0·37	3	+19·12
1180	Lacaille 5465 ...	7·6	13 10 32·16	0·39	3	+3·688	146 38 26·20	0·39	3	+19·11
1181	Lacaille 5476 ...	7·6	13 11 55·05	0·39	3	+3·844	151 52 6·77	0·39	3	+19·08
1182	Lacaille 5479 ...	6·7	13 12 38·53	0·39	3	+3·769	149 6 52·91	0·39	3	+19·06
1183	Lacaille 5483 ...	6·7	13 13 4·25	0·40	3	+3·674	145 8 37·27	0·40	3	+19·04
1184	Lacaille 5488 ...	7	13 14 7·16	0·42	3	+3·794	149 31 43·56	0·42	3	+19·01
1185	Lacaille 5490 ...	7·6	13 14 32·03	0·33	3	+3·822	150 18 58·13	0·33	3	+19·00
1186	Lacaille 5492 ...	5·6	13 14 34·37	0·33	3	+3·823	150 19 55·95	0·33	3	+19·00
1187	*	7	13 15 14·71	0·43	1	+3·806	149 34 19·11	0·43	1	+18·98
1188	*	7	13 15 15·84	0·43	1	+3·808	149 36 31·06	0·43	1	+18·98
1189	Lacaille 5500 ...	5·4	13 15 37·78	0·31	3	+3·956	153 52 50·54	0·31	3	+18·97
1190	Lacaille 5509 ...	6	13 16 53·16	0·33	3	+3·968	153 49 52·96	0·33	3	+18·94

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1191	α Virginis	1	13 18 36·52	0·55	7	+3·151				
1192	Lacaille 5538 ...	7	13 20 3·40	0·39	4	+3·760	146 22 42·00	0·41	3	+18·84
1193	Lacaille 5540 ...	7	13 20 16·61	0·40	3	+3·832	148 52 53·81	0·40	3	+18·83
1194	Lacaille 5547 ...	7	13 20 31·67	0·45	3	+3·733	145 7 47·08	0·45	4	+18·83
1195	Lacaille 5545 ...	7	13 20 38·34	0·44	3	+3·919	151 27 11·26	0·44	3	+18·83
1196	Lacaille 5542 ...	7·6	13 20 39·13	0·46	3	+4·018	154 1 36·41	0·46	3	+18·83
1197	Lacaille 5544 ...	7	13 20 39·86	0·44	4	+3·986	153 13 30·67	0·44	4	+18·82
1198	Lacaille 5554 ...	7·8	13 22 10·48	0·40	2	+3·769	146 1 36·42	0·40	2	+18·78
1199	Lacaille 5555 ...	7·6	13 22 21·88	0·43	3	+3·825	148 1 0·50	0·43	3	+18·77
1200	Lacaille 5561 ...	7·6	13 23 16·04	0·43	3	+3·927	150 56 10·54	0·39	2	+18·75
1201	Lacaille 5560 ...	7	13 23 21·21	0·46	3	+4·077	154 40 32·58	0·46	3	+18·74
1202	*	7·8	13 23 38·48	0·49	1	+3·985	152 23 31·06	0·48	3	+18·73
1203	Lacaille 5562 ...	7	13 23 38·78	0·48	3	+3·985	152 23 47·02	0·48	3	+18·73
1204	Lacaille 5564 ...	7	13 24 9·95	0·43	3	+3·964	151 41 56·36	0·43	3	+18·72
1205	Lacaille 5566 ...	6	13 24 54·75	0·48	1	+4·110	154 59 17·74	0·48	1	+18·69
1206	Lacaille 5575 ...	7	13 26 18·27	0·39	3	+3·886	148 51 48·37	0·39	3	+18·65
1207	Lacaille 5576 ...	7·6	13 26 44·13	0·40	3	+4·001	151 59 16·58	0·40	3	+18·63
1208	Lacaille 5579 ...	7	13 26 57·94	0·41	3	+4·111	154 30 36·26	0·41	3	+18·63
1209	Lacaille 5585 ...	7	13 27 25·01	0·42	3	+3·828	146 38 57·41	0·42	3	+18·61
1210	Lacaille 5586 ...	7	13 28 6·18	0·47	4	+4·004	151 42 16·70	0·47	4	+18·59
1211	ζ Virginis	3·4	13 28 19·48	0·34	3	+3·053				
1212	*	7	13 28 28·91	0·42	1	+3·874	147 51 28·20	0·42	1	+18·58
1213	Lacaille 5588 ...	7	13 28 42·66	0·48	3	+4·121	154 17 46·61	0·48	3	+18·57
1214	Lacaille 5589 ...	6·5	13 28 44·95	0·45	3	+3·985	151 2 54·41	0·45	3	+18·57
1215	Lacaille 5596 ...	7·6	13 29 56·47	0·38	3	+3·883	147 46 31·08	0·38	3	+18·53
1216	Lacaille 5605 ...	6·7	13 30 40·49	0·46	3	+3·865	146 59 6·71	0·47	4	+18·51
1217	Lacaille 5609 ...	6	13 31 27·20	0·42	3	+4·135	153 56 25·04	0·42	3	+18·48
1218	Lacaille 5627 ...	6·5	13 33 44·56	0·36	3	+3·928	148 9 11·95	0·36	3	+18·40
1219	Lacaille 5629 ...	7·6	13 34 9·01	0·38	3	+4·040	151 6 17·05	0·38	3	+18·39
1220	Lacaille 5631 ...	7	13 34 12·06	0·41	3	+4·046	151 15 33·04	0·41	3	+18·38
1221	Lacaille 5637 ...	7·6	13 34 42·37	0·38	3	+4·044	151 4 36·39	0·38	3	+18·37
1222	Lacaille 5640 ...	6	13 34 46·84	0·41	3	+3·873	146 8 7·82	0·41	3	+18·36
1223	Lacaille 5644 ...	6·7	13 35 36·88	0·39	3	+3·960	148 36 16·08	0·39	3	+18·33
1224	*	7·8	13 35 41·00	0·39	3	+3·960	148 36 16·08	0·39	3	+18·33
1225	Lacaille 5657 ...	7·6	13 37 38·03	0·45	3	+4·104	151 49 23·73	0·45	3	+18·26

No. 1213: Lacaille 5588.—Double Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1226	Lacaille 5659 ...	6·7	13 37 53·73	0·49	3	+4·127	152 16 53·72	0·48	4	+18·25
1227	Lacaille 5660 ...	7·6	13 38 28·94	0·47	3	+4·120	151 57 44·66	0·47	3	+18·23
1228	Lacaille 5669 ...	7	13 39 39·41	0·39	3	+3·912	146 8 53·38	0·39	3	+18·19
1229	Lacaille 5673 ...	7	13 40 12·57	0·38	3	+4·010	148 52 10·64	0·38	3	+18·17
1230	τ Boötis	5·4	13 41 19·24	0·48	1	+2·886				
1231	Lacaille 5716 ...	7	13 46 22·27	0·37	3	+3·931	145 7 15·05	0·37	3	+17·93
1232	Lacaille 5715 ...	7	13 46 53·64	0·34	5	+4·191	151 44 36·14	0·35	4	+17·91
1233	*	8·7	13 46 57·97	0·34	5	+4·192	151 45 42·43	0·35	4	+17·91
1234	Lacaille 5730 ...	7	13 47 46·34	0·41	3	+3·948	145 20 16·07	0·41	3	+17·88
1235	Lacaille 5734 ...	7·6	13 48 29·70	0·43	3	+4·213	151 52 24·28	0·43	3	+17·85
1236	Lacaille 5735 ...	6·5	13 48 37·52	0·46	3	+4·274	153 4 21·11	0·46	3	+17·84
1237	Lacaille 5750 ...	7	13 49 0·74	0·47	3	+3·961	145 25 27·32	0·47	3	+17·83
1238	*	7	13 50 51·02	0·36	1	+4·183	150 46 15·08	0·36	1	+17·75
1239	Lacaille 5762 ...	6·7	13 51 6·78	0·34	4	+4·253	152 10 21·54	0·34	4	+17·74
1240	*	8·7	13 51 11·16	0·33	3	+4·253	152 10 24·82	0·34	2	+17·74
1241	Lacaille 5766 ...	6·7	13 51 27·37	0·38	2	+4·194	150 52 14·78	0·38	2	+17·73
1242	Lacaille 5776 ...	6·7	13 52 49·08	0·44	3	+4·031	146 37 16·89	0·44	3	+17·67
1243	Lacaille 5786 ...	6·7	13 55 0·74	0·43	3	+4·012	145 36 31·25	0·43	3	+17·58
1244	Lacaille 5784 ...	1·2	13 55 1·38	0·48	3	+4·176	149 46 6·69	0·60	6	+17·58
1245	τ Virginis	4·5	13 55 17·16	0·41	3	+3·049				
1246	Lacaille 5796 ...	6	13 57 37·57	0·43	3	+4·170	149 6 57·99	0·43	3	+17·47
1247	Lacaille 5795 ...	7	13 57 43·24	0·45	3	+4·296	151 46 29·02	0·45	3	+17·47
1248	Lacaille 5794 ...	7	13 57 52·89	0·47	3	+4·354	152 50 46·25	0·47	3	+17·46
1249	Brisbane 4614 ...	7·8	13 58 0				178 48 6·55	0·51	1	+17·46
1250	Lacaille 5803 ...	7	13 59 2·18	0·47	3	+4·353	152 36 43·64	0·47	3	+17·41
1251	Lacaille 5807 ...	7	13 59 5·76	0·45	3	+4·068	146 17 36·08	0·45	3	+17·41
1252	94 Virginis	6	13 59 40·78	0·35	1	+3·169				
1253	Lacaille 5815 ...	7·6	14 0 8·81	0·44	3	+4·172	148 40 49·24	0·44	3	+17·36
1254	Lacaille 5829 ...	7·6	14 2 40·35	0·38	3	+4·325	151 26 4·89	0·38	3	+17·25
1255	Lacaille 5834 ...	7	14 3 57·52	0·38	3	+4·162	147 43 42·48	0·38	3	+17·19
1256	Lacaille 5844 ...	7	14 5 52·35	0·42	3	+4·338	151 7 12·84	0·42	3	+17·11
1257	Lacaille 5845 ...	7·6	14 5 57·11	0·42	3	+4·349	151 19 52·09	0·42	3	+17·10
1258	Lacaille 5850 ...	5·6	14 6 15·72	0·45	3	+4·130	146 29 57·48	0·45	3	+17·09
1259	Lacaille 5859 ...	7	14 7 47·90	0·44	3	+4·150	146 42 49·08	0·44	3	+17·02
1260	Lacaille 5861 ...	7	14 8 10·41	0·48	3	+4·176	147 16 14·18	0·48	3	+17·00

No. 1256 Lacaille 5844.—Double Star; companion 8·9 mag. follows and is 3″·09 South by an observation on May 29.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1261	Lacaille 5868 ...	7	14 8 48·20	0·49	3	+4·097	145 10 58·61	0·49	3	+16·97
1262	Lacaille 5870 ...	7	14 9 56·79	0·45	3	+4·226	148 6 22·97	0·45	3	+16·92
1263	α Boötis	1	14 9 57·51	0·31	1	+2·734				
1264	Lacaille 5871 ...	7·6	14 10 13·57	0·50	3	+4·259	148 46 18·37	0·50	4	+16·90
1265	Lacaille 5875 ...	6	14 10 42·63	0·46	3	+4·358	150 41 29·42	0·46	3	+16·88
1266	Lacaille 5879 ...	5	14 11 36·47	0·43	3	+4·141	145 48 33·45	0·43	4	+16·84
1267	Lacaille 5888 ...	7	14 13 7·92	0·44	3	+4·234	147 43 0·75	0·44	3	+16·76
1268	Lacaille 5893 ...	6	14 13 41·08	0·44	3	+4·246	147 53 11·14	0·43	4	+16·74
1269	*	7·8	14 13 41·62	0·49	1	+4·246	147 53 19·19	0·45	2	+16·74
1270	Lacaille 5920 ...	7·6	14 17 53·16	0·39	3	+4·315	148 40 17·37	0·39	3	+16·53
1271	Lacaille 5931 ...	6·7	14 19 36·38	0·42	3	+4·327	148 38 3·52	0·42	4	+16·45
1272	Lacaille 5940 ...	7	14 20 11·25	0·39	3	+4·193	145 34 28·90	0·39	3	+16·42
1273	*f* Boötis	5	14 20 38·51	0·49	3	+2·795				
1274	Lacaille 5946 ...	7	14 21 8·47	0·38	3	+4·199	145 34 13·02	0·38	3	+16·37
1275	Lacaille 5954 ...	6·7	14 23 36·57	0·42	3	+4·249	146 19 54·52	0·42	3	+16·24
1276	Lacaille 5973 ...	6·7	14 25 58·44	0·45	3	+4·420	149 27 49·43	0·45	3	+16·12
1277	Lacaille 5970 ...	7·6	14 26 11·60	0·47	3	+4·667	153 27 52·44	0·47	3	+16·11
1278	Lacaille 5974 ...	7·6	14 26 11·89	0·47	3	+4·253	146 0 40·27	0·47	3	+16·11
1279	ρ Boötis	4·3	14 26 26·52	0·50	1	+2·587				
1280	Lacaille 5981 ...	7·6	14 27 36·21	0·46	3	+4·548	151 27 46·68	0·46	3	+16·04
1281	Z Octantis	6·7	14 29 12·11	0·55	26	+22·600	177 37 57·44	0·56	11	+16·00
	Z Octantis S.P.						56·47	0·71	16	
1282	Lacaille 5997 ...	6·7	14 29 44·43	0·43	3	+4·403	148 35 35·76	0·43	3	+15·92
1283	Lacaille 6004 ...	7	14 30 4·59	0·46	3	+4·278	145 57 17·24	0·46	4	+15·91
1284	Lacaille 6017 ...	1	14 31 7·09	0·49	3	+4·509	150 19 6·98	0·72	12	+15·85
1285	Lacaille 6014 ...	4·3	14 31 7·70	0·49	3	+4·509	150 19 2·52	0·65	7	+15·85
1286	Lacaille 6013 ...	6	14 31 31·96	0·47	3	+4·285	145 53 59·03	0·47	3	+15·83
1287	*	8	14 32 23·66	0·57	1	+4·796	154 25 51·84	0·57	1	+15·78
1288	Lacaille 6012 ...	4	14 32 25·87	0·54	3	+4·797	154 25 44·18	0·54	3	+15·78
1289	Lacaille 6021 ...	6·7	14 32 39·63	0·50	3	+4·398	148 4 34·35	0·50	3	+15·77
1290	Lacaille 6024 ...	7	14 32 51·37	0·51	3	+4·387	147 49 17·65	0·51	3	+15·76
1291	Lacaille 6023 ...	7	14 33 20·32	0·53	3	+4·610	151 40 11·41	0·53	3	+15·73
1292	Lacaille 6025 ...	6	14 33 37·76	0·53	3	+4·663	152 25 49·39	0·53	3	+15·71
1293	Lacaille 6029 ...	7	14 33 38·89	0·45	3	+4·379	147 32 58·87	0·47	4	+15·71
1294	Lacaille 6039 ...	5	14 35 24·36	0·41	3	+4·672	152 20 25·03	0·41	3	+15·62
1295	Lacaille 6057 ...	6·7	14 36 11·28	0·45	4	+4·278	145 4 10·11	0·45	4	+15·58

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1296	*	7·8	14 36 18·65	0·46	3	+4·279	145 4 29·43	0·41	2	+15·57
1297	Lacaille 6058 ...	7·6	14 38 32·34	0·51	3	+5·227	158 24 38·45	0·51	3	+15·44
1298	ϵ^2 Boötis	2·3	14 39 31·57	0·57	1	+2·619				
1299	Lacaille 6081 ...	7	14 39 39·88	0·46	3	+4·424	147 35 41·22	0·48	4	+15·38
1300	Lacaille 6079 ...	6·7	14 39 46·98	0·50	6	+4·494	148 52 57·77	0·50	6	+15·37
1301	Lacaille 6082 ...	6·5	14 39 59·12	0·52	3	+4·353	146 8 22·35	0·52	3	+15·36
1302	Lacaille 6083 ...	7·8	14 40 7·39	0·52	3	+4·481	148 36 23·52	0·52	3	+15·36
1303	Lacaille 6080 ...	7	14 40 9·29	0·52	3	+4·677	151 48 27·30	0·52	3	+15·35
1304	Lacaille 6091 ...	7	14 41 49·02	0·51	3	+4·600	150 24 52·22	0·51	3	+15·26
1305	Lacaille 6094 ...	7	14 41 51·04	0·47	3	+4·515	148 58 59·85	0·47	3	+15·26
1306	Lacaille 6095 ...	6·7	14 42 27·18	0·45	3	+4·802	153 17 28·59	0·45	3	+15·22
1307	*	8·9	14 43 7·15	0·57	2	+9·642	172 25 37·84	0·57	2	+15·18
1308	Brisbane 5046 ...	6·5	14 43 15·11	0·55	3	+9·739	172 31 57·89	0·55	4	+15·18
1309	α^2 Libræ	2·3	14 43 57·89	0·51	4	+3·309				
1310	Lacaille 6115 ...	7	14 45 13·31	0·47	3	+4·688	151 21 35·13	0·48	4	+15·07
1311	Lacaille 6119 ...	6·5	14 45 57·37	0·46	3	+4·582	149 35 55·22	0·46	3	+15·02
1312	Lacaille 6120 ...	7·6	14 46 12·78	0·46	3	+4·633	150 23 41·04	0·46	3	+15·00
1313	Lacaille 6123 ...	7·6	14 46 39·52	0·48	3	+4·734	151 51 15·79	0·48	3	+14·98
1314	Lacaille 6122 ...	6·5	14 46 41·26	0·50	3	+4·763	152 16 16·14	0·50	3	+14·98
1315	Lacaille 6131 ...	7	14 48 18·21	0·43	3	+4·950	154 29 49·25	0·43	3	+14·89
1316	ξ^2 Libræ	6	14 49 59·23	0·54	1	+3·246				
1317	Lacaille 6147 ...	7·6	14 50 37·32	0·44	3	+4·936	154 4 22·27	0·44	3	+14·75
1318	Lacaille 6154 ..	7	14 51 3·04	0·45	3	+4·602	149 18 33·90	0·45	3	+14·72
1319	Lacaille 6176 ...	7	14 52 21·43	0·45	3	+4·414	145 45 40·93	0·45	3	+14·65
1320	Lacaille 6181 ...	6·5	14 54 22·65	0·46	3	+4·925	153 32 18·88	0·46	3	+14·52
1321	Lacaille 6188 ...	7	14 55 0·40	0·48	3	+4·465	146 25 26·54	0·48	3	+14·49
1322	Lacaille 6187 ..	7	14 55 0·99	0·49	4	+4·507	147 12 19·39	0·50	3	+14·49
1323	Lacaille 6192 ...	6	14 57 15·91	0·47	3	+5·056	154 47 19·55	0·48	4	+14·35
1324	Lacaille 6202 ...	7·6	14 57 45·40	0·46	3	+4·511	146 57 6·87	0·46	3	+14·32
1325	Lacaille 6200 ...	7	14 57 57·28	0·48	3	+4·738	150 38 33·08	0·48	3	+14·31
1326	Lacaille 6206 ...	7·6	14 58 41·13	0·53	3	+4·778	151 8 57·94	0·53	3	+14·26
1327	Lacaille 6208 ...	7·6	14 58 56·69	0·53	3	+4·799	151 24 13·14	0 53	3	+14·25
1328	Lacaille 6207 ...	6·7	14 59 1·47	0·48	3	+4·932	153 9 33·18	0·48	3	+14·24
1329	Lacaille 6214 ...	7	14 59 10·73	0·50	3	+4·619	148 39 30·34	0·50	3	+14·23
1330	Lacaille 6223 ...	6·7	15 0 43·82	0·46	3	+4·779	150 56 31·90	0·47	4	+14·14

No. 1307: Observed for Lacaille 6019.

No. 1308: Brisbane 5046.—It is not improbable that this is the Star observed by Lacaille and numbered 6019; but in this case Lacaille's N.P.D. is 10′ too small.

No.	Star's Name.	Magnitude.	Mean R.A. 1875. Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1331	Lacaille 6230 ...	7	15 2 9·12	0·48	3	+4·910	152 33 21·30	0·48	3	+14·04
1332	Lacaille 6238 ...	6	15 2 52·05	0·43	3	+4·818	151 16 7·27	0·43	3	+14·00
1333	Lacaille 6241 ...	6·7	15 3 52·97	0·43	3	+4·797	150 52 9·72	0·43	3	+13·94
1334	ι^1 Libræ	5·4	15 5 5·93	0·55	2	+3·410				
1335	Lacaille 6256 ...	7	15 6 3·25	0·45	3	+4·889	151 53 43·93	0·45	3	+13·80
1336	Lacaille 6259 ...	6·7	15 6 32·15	0·49	3	+4·786	150 26 13·74	0·49	3	+13·77
1337	Lacaille 6262 ...	6	15 6 51·70	0·49	3	+4·792	150 29 28·64	0·48	2	+13·75
1338	Lacaille 6260 ...	5·6	15 7 6·66	0·51	3	+4·996	153 8 45·80	0·51	3	+13·73
1339	Lacaille 6266 ...	4·5	15 7 44·75	0·51	3	+4·656	148 19 56·10	0·51	4	+13·69
1340	Lacaille 6272 ...	5·6	15 8 46·15	0·52	3	+4·774	150 2 4·00	0·52	3	+13·63
1341	β Libræ	2	15 10 16·86	0·46	4	+3·218				
1342	Lacaille 6294 ...	7	15 10 34·70	0·52	3	+4·590	146 56 19·42	0·52	3	+13·51
1343	Lacaille 6292 ...	7	15 10 36·35	0·52	3	+4·722	149 5 9·43	0·52	3	+13·51
1344	Lacaille 6298 ...	7	15 11 12·67	0·53	3	+4·523	145 40 31·68	0·53	3	+13·47
1345	*	7·8	15 11 26·72	0·41	1	+4·581	146 41 33·35	0·41	1	+13·46
1346	Lacaille 6306 ...	7·6	15 12 21·76	0·49	3	+4·587	146 41 27·78	0·49	3	+13·40
1347	Lacaille 6307 ...	7	15 12 25·70	0·51	3	+4·709	148 41 37·07	0·51	3	+13·39
1348	*	7	15 12 49·41	0·52	1	+4·711	148 41 24·50	0·52	1	+13·37
1349	Lacaille 6309 ...	6	15 13 3·74	0·51	3	+4·815	150 12 16·27	0·51	3	+13·35
1350	Lacaille 6312 ...	5·4	15 13 26·37	0·53	3	+4·727	148 52 6·42	0·53	3	+13·33
1351	Lacaille 6319....	7·6	15 14 9·95	0·48	3	+4·608	146 52 50·97	0·48	3	+13·28
1352	Lacaille 6341 ...	7	15 16 4·93	0·48	3	+4·601	146 34 7·36	0·48	3	+13·15
1353	Lacaille 6336 ...	6	15 16 41·18	0·47	3	+5·155	154 5 17·70	0·47	3	+13·11
1354	*	7·8	15 17 49·55	0·49	1	+4·612	146 34 19·37	0·49	1	+13·04
1355	Lacaille 6370 ...	7	15 19 39·98	0·45	3	+4·704	147 54 47·36	0·45	3	+12·91
1356	ζ^1 Libræ	4	15 21 12·46	0·52	1	+3·372				
1357	Lacaille 6389 ...	6·7	15 22 54·77	0·47	3	+4·665	146 58 42·33	0·47	3	+12·69
1358	Lacaille 6385 ...	7	15 23 5·45	0·49	3	+4·929	150 50 40·18	0·49	3	+12·68
1359	Lacaille 6396 ...	7	15 23 56·40	0·50	3	+4·899	150 22 50·38	0·50	3	+12·63
1360	Lacaille 6400 ...	7	15 24 36·29	0·51	3	+4·654	146 38 51·12	0·51	3	+12·58
1361	Lacaille 6399 ...	7	15 25 5·07	0·52	3	+5·278	154 41 27·01	0·52	3	+12·55
1362	Lacaille 6407 ...	7	15 25 36·68	0·53	3	+4·681	146 59 42·05	0·53	3	+12·51
1363	Lacaille 6431 ...	6·7	15 29 44·00	0·48	3	+4·871	149 29 20·63	0·48	3	+12·23
1364	Lacaille 6438 ...	6·7	15 29 57·04	0·50	3	+4·588	145 0 53·19	0·50	3	+12·21
1365	Lacaille 6428 ...	7·6	15 30 13·71	0·50	3	+5·314	154 39 27·92	0·50	3	+12·19

No. 1355: Lacaille 6370.—Double Star; companion 8 mag. has nearly the same R.A. and is 0″·6 North by an observation on May 29.

No. 1357: Lacaille 6389.—Double Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1366	Lacaille 6440 ...	6	15 30 21·77	0·52	3	+4·677	146 30 9·83	0·52	3	+12·18
1367	Lacaille 6434 ...	7·6	15 31 0·33	0·49	3	+5·232	153 46 19·69	0·49	3	+12·14
1368	Lacaille 6458 ...	6·7	15 33 34·34	0·47	3	+4·923	149 53 4·50	0·47	3	+11·96
1369	Lacaille 6462 ...	7	15 33 44·40	0·50	3	+4·729	147 2 58·53	0·50	3	+11·95
1370	*	7	15 33 46·90	0·53	2	+4·650	145 45 31·93	0·53	2	+11·94
1371	Lacaille 6474 ...	7·6	15 34 30·08	0·52	3	+4·654	145 45 51·13	0·52	3	+11·89
1372	Lacaille 6465 ...	7	15 34 35·32	0·53	3	+5·006	150 53 41·93	0·53	3	+11·89
1373	Lacaille 6472 ...	7	15 34 49·66	0·53	3	+4·846	148 43 25·75	0·53	3	+11·87
1374	Lacaille 6475 ...	7	15 35 4·99	0·54	3	+4·817	148 17 3·28	0·54	3	+11·85
1375	*	7	15 35 8·70	0·54	3	+4·818	148 17 18·60	0·54	3	+11·85
1376	Lacaille 6478 ...	7·6	15 36 9·23	0·55	3	+5·143	152 24 16·39	0·55	3	+11·78
1377	Lacaille 6487 ...	7	15 36 18·29	0·53	3	+4·766	147 24 59·64	0·53	3	+11·77
1378	Lacaille 6490 ...	7·6	15 36 47·72	0·52	3	+4·790	147 43 45·04	0·52	3	+11·73
1379	Lacaille 6492 ...	8·7	15 37 16·00	0·53	3	+4·864	148 47 3·86	0·52	2	+11·70
1380	Lacaille 6497 ...	7·6	15 38 31·29	0·49	3	+4·959	149 58 48·18	0·49	3	+11·61
1381	Lacaille 6507 ...	7·6	15 41 32·58	0·48	3	+5·408	154 46 17·76	0·48	3	+11·39
1382	Lacaille 6511 ...	8·7	15 41 50·26	0·48	3	+5·394	154 37 18·06	0·48	3	+11·37
1383	Lacaille 6523 ...	6	15 42 30·67	0·50	3	+5·168	152 13 36·81	0·50	3	+11·32
1384	Lacaille 6528 ...	7·6	15 42 40·42	0·48	3	+4·887	148 40 41·95	0·48	3	+11·31
1385	Lacaille 6533 ...	3	15 44 8·98	0·55	1	+5·253	153 2 30·42	0·55	1	+11·20
1386	Lacaille 6540 ...	6	15 44 19·24	0·52	4	+5·023	150 22 6·72	0·52	4	+11·19
1387	Lacaille 6546 ...	6	15 45 4·95	0·51	3	+4·983	149 48 7·38	0·51	3	+11·14
1388	Lacaille 6550 ...	6	15 45 34·88	0·51	3	+5·009	150 6 28·79	0·51	3	+11·10
1389	Lacaille 6559 ...	6	15 47 31·42	0·48	3	+5·438	154 40 17·70	0·48	3	+10·96
1390	Lacaille 6570 ...	7	15 48 9·85	0·49	3	+4·737	146 1 39·39	0·49	3	+10·91
1391	Lacaille 6564 ...	7	15 48 24·78	0·53	3	+5·425	154 29 26·36	0·53	3	+10·89
1392	Lacaille 6577 ...	7	15 49 6·75	0·52	3	+4·898	148 21 46·69	0·52	3	+10·84
1393	Lacaille 6578 ...	7·6	15 49 58·55	0·52	3	+5·326	153 25 0·57	0·52	3	+10·78
1394	γ Serpentis	4·3	15 50 40·79	0·59	1	+2·746				
1395	Lacaille {6593 / 6595}	6·7	15 51 54·49	0·51	4	+5·221	152 11 9·01	0·51	4	+10·63
1396	Lacaille 6610 ...	7·6	15 52 27·97	0·51	3	+4·787	146 29 44·77	0·51	3	+10·59
1397	Lacaille 6612 ...	7·6	15 53 7·57	0·54	3	+5·054	150 8 46·30	0·54	3	+10·54
1398	*	8·7	15 53 21·61	0·48	2	+4·853	147 25 17·96	0·48	1	+10·53
1399	Lacaille 6615 ...	4·5	15 53 22·84	0·53	3	+4·853	147 25 12·97	0·53	3	+10·52
1400	Lacaille 6616 ...	7·6	15 53 42·02	0·52	3	+4·955	148 49 31·22	0·52	3	+10·50

No. 1387: Lacaille 6546.—Double Star: companion 8 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1401	Lacaille 6636 ...	7·6	15 55 15·53	0·43	3	+4·768	145 59 33·14	0·53	4	+10·38
1402	Lacaille 6650 ...	6·7	15 57 24·08	0·53	3	+4·768	145 50 56·83	0·53	3	+10·22
1403	Lacaille 6642 ...	7	15 57 25·23	0·53	5	+5·295	152 38 28·67	0·51	4	+10·22
1404	*	7·8	15 57 39·10	0·55	3	+5·388	153 34 26·13	0·55	3	+10·21
1405	Lacaille 6649 ...	7·6	15 57 40·63	0·54	3	+4·960	148 37 46·62	0·54	3	+10·20
1406	Lacaille 6646 ...	7	15 57 56·67	0·56	3	+5·190	151 27 41·19	0·56	3	+10·18
1407	Lacaille 6652 ...	7·6	15 58 50·85	0·53	3	+5·302	152 37 43·29	0·55	4	+10·12
1408	Lacaille 6665 ...	6	15 59 2·85	0·54	3	+4·892	147 35 44·21	0·54	3	+10·10
1409	Lacaille 6668 ...	6·7	15 59 9·22	0·51	3	+4·767	145 43 14·87	0·51	3	+10·09
1410	Brisbane 5589 ...	7	15 59 18·74	0·43	1	+5·301	152 35 14·51	0·43	1	+10·08
1411	Lacaille 6662 ...	7·6	15 59 27·68	0·58	3	+5·192	151 23 6·40	0·58	3	+10·07
1412	Lacaille 6673 ...	7	15 59 41·30	0·60	3	+4·795	146 7 16·34	0·58	4	+10·05
1413	Lacaille 6685 ...	7	16 0 36·63	0·58	3	+4·729	145 0 46·82	0·58	4	+ 9·98
1414	Lacaille 6676 ...	7	16 0 46·51	0·52	3	+4·775	145 44 20·02	0·52	3	+ 9·97
1415	Lacaille 6683 ...	7	16 1 24·58	0·55	3	+5·221	151 35 53·12	0·55	3	+ 9·92
1416	Lacaille 6679 ...	7	16 1 50·69	0·51	4	+5·528	154 39 27·18	0·51	4	+ 9·89
1417	Lacaille 6705 ...	6·5	16 3 26·20	0·49	3	+4·753	145 12 49·56	0·49	3	+ 9·77
1418	Lacaille 6701 ...	5·4	16 4 4·69	0·53	3	+5·404	153 21 47·22	0·53	4	+ 9·72
1419	Lacaille 6721 ...	7	16 5 1·87	0·50	3	+4·813	146 2 44·26	0·50	3	+ 9·64
1420	Lacaille 6722 ...	6	16 5 30·61	0·50	3	+4·921	147 35 27·68	0·50	3	+ 9·61
1421	Lacaille 6742 ...	7	16 7 32·55	0·54	4	+4·932	147 37 28·77	0·54	4	+ 9·45
1422	δ Ophiuchi	3	16 7 47·73	0·59	7	+3·136				
1423	Lacaille 6731 ...	6·7	16 8 23·28	0·53	3	+5·531	154 20 15·63	0·53	3	+ 9·39
1424	Lacaille 6743 ...	6	16 8 31·06	0·52	8	+4·934	147 35 18·38	0·52	6	+ 9·38
1425	Lacaille 6441 ...	7	16 10 48				177 19 51·38	0·43	1	+ 9·20
1426	Lacaille 6759 ...	7	16 11 34·49	0·49	3	+5·336	152 16 2·93	0·49	3	+ 9·14
1427	Lacaille 6779 ...	6·7	16 14 1·68	0·49	3	+5·404	152 49 50·51	0·49	3	+ 8·95
1428	Lacaille 6795 ...	5·6	16 16 21·50	0·49	4	+5·513	153 46 14·00	0·49	4	+ 8·76
1429	γ Herculis	3	16 16 24·40	0·52	1	+2·647				
1430	Lacaille 6812 ...	6	16 17 43·22	0·49	3	+5·026	148 18 45·64	0·49	3	+ 8·66
1431	Lacaille 6827 ...	6	16 19 20·26	0·52	4	+4·970	147 28 29·97	0·52	4	+ 8·53
1432	Lacaille 6824 ...	5·6	16 19 43·75	0·52	3	+5·289	151 21 12·68	0·52	3	+ 8·50
1433	Lacaille 6831 ...	7	16 20 37·18	0·51	3	+5·355	152 0 47·58	0·51	3	+ 8·43
1434	Lacaille 6838 ...	7	16 21 39·17	0·50	3	+5·517	153 33 43·64	0·50	3	+ 8·34
1435	α Scorpii	1·2	16 21 44·64	0·47	7	+3·668				

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1436	Lacaille 6855 ...	7·6	16 26 2·30	0·47	3	+5·585	153 59 10·56	0·47	3	+ 7·99
1437	Lacaille 6873 ...	7·6	16 27 50·22	0·49	3	+5·268	150 43 56·31	0·49	3	+ 7·85
1438	Lacaille 6880 ...	7·6	16 28 33·76	0·49	3	+5·043	147 59 34·26	0·49	3	+ 7·79
1439	Lacaille 6887 ...	7	16 29 22·36	0·52	3	+4·953	146 44 26·04	0·52	3	+ 7·73
1440	Lacaille 6886 ...	6	16 29 52·07	0·54	5	+5·228	150 11 32·96	0·54	4	+ 7·69
1441	Lacaille 6889 ...	7	16 30 15·02	0·57	3	+5·098	148 37 1·47	0·57	3	+ 7·65
1442	Lacaille 6895 ...	6	16 31 24·89	0·56	4	+5·432	152 18 27·15	0·56	4	+ 7·56
1443	Lacaille 6893 ...	7	16 31 25·27	0·54	3	+5·413	152 7 25·22	0·54	3	+ 7·56
1444	Lacaille 6896 ...	6	16 31 25·29	0·54	3	+5·357	151 32 19·13	0·54	3	+ 7·56
1445	Lacaille 6909 ...	7	16 32 17·96	0·48	3	+4·884	145 35 54·29	0·48	3	+ 7·49
1446	Lacaille 6921 ...	7	16 34 43·83	0·49	3	+5·359	151 25 30·25	0·49	3	+ 7·29
1447	Lacaille 6928 ...	6	16 35 41·69	0·51	3	+5·090	148 16 4·77	0·51	3	+ 7·21
1448	Lacaille 6932 ...	7	16 36 33·48	0·52	3	+5·188	149 26 8·97	0·52	3	+ 7·14
1449	ζ Herculis	3·2	16 36 34·40	0·58	1	+2·263				
1450	Lacaille 6936 ...	6	16 36 41·43	0·53	3	+5·080	148 6 30·28	0·53	3	+ 7·13
1451	Lacaille 6938 ...	7	16 37 17·71	0·53	3	+5·353	151 15 33·11	0·53	3	+ 7·08
1452	Lacaille 6944 ...	7	16 37 44·24	0·53	4	+5·345	151 9 33·50	0·53	4	+ 7·05
1453	Lacaille 6956 ...	4	16 39 0·16	0·53	3	+5·145	148 48 53·98	0·53	3	+ 6·94
1454	Lacaille 6964 ...	7	16 40 42·17	0·49	2	+5·490	152 30 57·04	0·49	2	+ 6·80
1455	Lacaille 6979 ...	7·6	16 41 36·23	0·51	3	+5·039	147 21 41·14	0·51	3	+ 6·73
1456	Lacaille 6985 ...	6	16 43 24·21	0·51	3	+5·069	147 41 31·96	0·51	3	+ 6·58
1457	Lacaille 6983 ...	6	16 43 45·61	0·52	3	+5·559	153 3 30·78	0·52	3	+ 6·55
1458	Lacaille 7003 ...	7·6	16 44 41·33	0·51	3	+4·937	145 50 12·11	0·51	3	+ 6·47
1459	Lacaille 6997 ...	7	16 44 50·68	0·53	3	+5·196	149 12 27·55	0·53	3	+ 6·46
1460	Lacaille 6995 ...	7·6	16 44 58·53	0·54	3	+5·397	151 25 58·17	0·54	3	+ 6·45
1461	Lacaille 7008 ...	7·6	16 46 23·56	0·54	3	+5·305	150 23 46·12	0·54	3	+ 6·33
1462	Lacaille 7013 ...	7	16 47 20·48	0·55	3	+5·416	151 32 18·75	0·55	4	+ 6·25
1463	Lacaille 7027 ...	7	16 47 30·57	0·52	3	+5·072	147 34 4·13	0·50	2	+ 6·24
1464	*	7	16 47 33·86	0·52	3	+5·074	147 35 15·30	0·52	3	+ 6·23
1465	Lacaille 7034 ...	4	16 48 16·99	0·58	3	+4·943	145 47 23·45	0·58	3	+ 6·17
1466	Lacaille 7036 ...	6·7	16 49 1·21	0·53	3	+5·202	149 7 47·82	0·53	3	+ 6·11
1467	*	7	16 49 50·44	0·57	1	+4·992	146 24 45·93	0·57	1	+ 6·04
1468	Lacaille 7048 ...	7	16 50 1·11	0·53	3	+5·043	147 5 34·65	0·53	3	+ 6·03
1469	Lacaille 7042 ...	7	16 50 27·84	0·56	3	+5·467	151 56 49·33	0·56	3	+ 5·99
1470	Lacaille 7057 ...	7·6	16 50 40·85	0·57	2	+4·991	146 21 43·60	0·56	3	+ 5·97

No. 1439: Lacaille 6887.—Double Star; magnitudes 7 and 7·8. The larger Star observed.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1471	Lacaille 7055 ...	6·7	16 50 57·43	0·54	3	+5·178	148 46 1·34	0·54	3	+ 5·95
1472	κ Ophiuchi	3·4	16 51 45·10	0·54	4	+2·834				
1473	Lacaille 7072 ...	6	16 53 46·39	0·48	4	+5·086	147 31 43·12	0·47	3	+ 5·72
1474	Lacaille 7093 ...	7·6	16 56 36·59	0·49	3	+4·969	145 51 46·85	0·49	3	+ 5·48
1475	Lacaille 7102 ...	6	16 58 42·34	0·48	3	+5·448	151 30 29·08	0·48	3	+ 5·30
1476	Lacaille 7124 ...	7·6	17 0 25·95	0·53	3	+5·129	147 51 43·11	0·53	3	+ 5·16
1477	Lacaille 7115 ...	7	17 0 42·88	0·52	3	+5·667	153 31 26·87	0·52	3	+ 5·13
1478	Lacaille 7129 ...	6·7	17 0 43·96	0·52	3	+5·026	146 30 58·59	0·52	3	+ 5·13
1479	Lacaille 7136 ...	7·6	17 2 10·31	0·54	3	+5·180	148 26 9·55	0·54	3	+ 5·01
1480	Lacaille 7130 ...	7	17 2 16·34	0·55	3	+5·784	154 28 27·92	0·55	3	+ 5·00
1481	Lacaille 7134 ..	7	17 2 37·27	0·56	3	+5·569	152 34 42·70	0·56	3	+ 4·97
1482	η Ophiuchi	2·3	17 3 12·58	0·60	2	+3·434				
1483	Lacaille 7151 ...	7	17 3 21·23	0·53	3	+5·042	146 38 41·46	0·53	3	+ 4·91
1484	Lacaille 7152 ...	6	17 3 40·19	0·52	3	+5·049	146 44 4·91	0·52	3	+ 4·88
1485	Lacaille 7154 ...	7·8	17 4 6·65	0·51	3	+4·985	145 51 17·38	0·51	3	+ 4·84
1486	Lacaille 7161 ...	6	17 7 10·27	0·50	3	+5·598	152 43 55·41	0·50	3	+ 4·58
1487	Lacaille 7170 ...	6·5	17 8 9·26	0·50	3	+5·289	149 33 16·73	0·50	3	+ 4·50
1488	α Herculis	var.	17 8 56·86	0·55	5	+2·731				
1489	Lacaille 7173 ...	7	17 9 20·77	0·50	3	+5·683	153 26 47·58	0·50	3	+ 4·40
1490	Lacaille 7210 ...	7	17 11 57·65	0·51	3	+5·193	148 20 30·29	0·51	3	+ 4·17
1491	Lacaille 7213 ...	6·7	17 12 8·93	0·55	3	+5·156	147 52 53·94	0·55	3	+ 4·16
1492	Lacaille 7199 ...	6	17 12 17·25	0·56	3	+5·611	152 44 15·33	0·56	3	+ 4·15
1493	Lacaille 7218 ...	6·7	17 12 35·13	0·56	3	+5·042	146 23 55·02	0·56	3	+ 4·12
1494	Lacaille 7217 ...	7·6	17 12 51·09	0·58	3	+5·211	148 32 20·12	0·58	3	+ 4·10
1495	Lacaille 7214 ...	6·5	17 13 2·83	0·60	3	+5·390	150 32 55·08	0·60	3	+ 4·08
1496	θ Ophiuchi	3·4	17 14 20·05	0·48	1	+3·677				
1497	Lacaille 7228 ...	7	17 14 51·04	0·60	3	+5·624	152 48 12·69	0·60	3	+ 3·93
1498	Lacaille 7233 ...	3	17 14 52·62	0·64	3	+5·035	146 15 24·49	0·64	3	+ 3·92
1499	Lacaille 7237 ...	3	17 14 54·84	0·62	3	+4·974	145 24 30·91	0·62	3	+ 3·92
1500	43 Ophiuchi.....	6	17 15 29·63	0·54	15	+3·770	118 1 9·44	0·53	19	+ 3·87
1501	Lacaille 7239 ...	7	17 16 20·82	0·56	3	+5·640	152 55 17·11	0·56	3	+ 3·80
1502	Lacaille 7251 ...	7·6	17 17 58·43	0·55	3	+5·509	151 39 14·80	0·55	3	+ 3·66
1503	Lacaille 7263 ...	6·7	17 18 18·32	0·55	3	+4·954	145 3 31·87	0·55	3	+ 3·63
1504	Lacaille 7271 ...	3	17 19 49·12	0·53	3	+5·406	150 34 34·13	0·53	3	+ 3·59
1505	Lacaille 7281 ...	6	17 20 46·04	0·49	3	+5·087	146 49 6·36	0·49	3	+ 3·42

No. 1479: Lacaille 7136—Double Star; companion 9 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1506	Lacaille 7078 ...	7	17 22 12				175 9 18·83	0·62	2	+ 3·29
1507	Lacaille 7291 ...	7	17 23 31·50	0·55	3	+5·897	154 57 8·06	0·55	3	+ 3·18
1508	Lacaille 7309 ...	6	17 24 26·37	0·50	3	+5·338	149 45 17·82	0·50	3	+ 3·10
1509	Lacaille 7328 ...	6·7	17 26 50·05	0·49	3	+5·305	149 20 56·11	0·49	3	+ 2·89
1510	Lacaille 7339 ...	7	17 27 29·33	0 53	3	+5·090	146 44 14·44	0·53	3	+ 2·84
1511	Lacaille 7335 ...	7	17 27 42·03	0·52	3	+5·446	150 51 23·13	0·52	3	+ 2·82
1512	α Ophiuchi	2	17 29 7·89	0·59	10	+2·779	77 20 50·07	0·82	1	+ 2·89
1513	Lacaille 7368 ...	7	17 32 26·87	0·52	3	+5·008	145 33 33·30	0·52	3	+ 2·41
1514	Lacaille 7370 ...	7·6	17 32 53·06	0·53	3	+5·113	146 57 20·88	0·53	3	+ 2·37
1515	Lacaille 7364 ...	4	17 33 28·20	0·53	3	+5·877	154 39 36·31	0·53	3	+ 2·32
1516	Lacaille 7366 ...	6·7	17 33 39·48	0·56	1	+5·827	154 15 47·77	0·56	1	+ 2·30
1517	Lacaille 7381 ...	6	17 34 10·18	0·54	3	+5·156	147 29 0·24	0·54	3	+ 2·26
1518	Lacaille 7384 ...	7	17 35 47·67	0·55	3	+5·739	153 30 16·54	0·55	3	+ 2·11
1519	Lacaille 7387 ...	7·6	17 35 55·33	0·59	3	+5·369	149 56 12·87	0·59	3	+ 2·10
1520	Lacaille 7388 ...	7·6	17 35 59·11	0·61	3	+5·394	150 11 55·08	0·61	3	+ 2·10
1521	Lacaille 7392 ...	7	17 35 59·58	0·60	3	+5·212	148 8 19·17	0·60	3	+ 2·10
1522	β Ophiuchi	3	17 37 17·89	0·54	2	+2·964				
1523	Lacaille 7410 ...	7·8	17 37 56·14	0·64	3	+5·026	145 44 18·26	0·64	3	+ 1·93
1524	Lacaille 7396 ...	6·7	17 37 57·22	0·65	3	+5·832	154 15 26·08	0·65	3	+ 1·93
1525	Lacaille 7413 ...	6	17 38 12·92	0·63	3	+4·998	145 21 10·04	0·63	3	+ 1·90
1526	Lacaille 7403 ...	6	17 38 19·45	0·66	3	+5·541	151 39 57·47	0·66	4	+ 1·89
1527	Lacaille 7408 ...	7·5	17 38 50·15	0·63	3	+5·563	151 52 44·85	0·63	3	+ 1·85
1528	3 Sagittarii	5	17 39 41·55	0·53	15	+3·774	117 46 50·95	0·53	23	+ 1·78
1529	Lacaille 7419 ...	6	17 40 20·85	0·60	3	+5·391	150 7 15·29	0·60	3	+ 1·72
1530	Lacaille 7421 ...	7	17 40 47·12	0·60	3	+5·413	150 21 0·82	0·60	3	+ 1·68
1531	μ Herculis	3·4	17 41 33·88	0·66	1	+2·344				
1532	Lacaille 7439 ...	7	17 42 19·22	0·56	3	+5·057	146 6 59·51	0·56	3	+ 1·55
1533	B.A.C. 6024 ...	6·7	17 42 31·92	0·45	2	+3·752	117 1 9·33	0·45	6	+ 1·53
1534	Lacaille 7444 ...	7	17 43 1·41	0·59	3	+5·226	148 14 16·29	0·59	3	+ 1·48
1535	Lacaille 7455 ...	7	17 44 13·82	0·56	3	+5·040	145 51 58·65	0·56	3	+ 1·38
1536	Lacaille 7472 ...	7·6	17 46 47·48	0·55	3	+5·004	145 21 21·90	0·55	3	+ 1·16
1537	Lacaille 7471 ...	6·7	17 47 2·63	0·56	3	+5·118	146 52 22·65	0·56	3	+ 1·13
1538	Lacaille 7476 ...	7	17 47 48·21	0·58	3	+5·262	148 38 1·61	0·58	3	+ 1·07
1539	Lacaille 7484 ...	7	17 49 3·91	0·57	3	+5·070	146 14 18·08	0·57	3	+ 0·96
1540	Lacaille 7487 ...	7	17 49 50·68	0·57	3	+5·123	146 55 40·40	0·57	3	+ 0·89

No. 1536: Lacaille 7472.—Double Star; companion 7·8 magnitude follows.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1541	89 Herculis.....	6	17 50 22·58	0·53	3	+2·418				
1542	Lacaille 7501 ...	7	17 50 54·99	0·53	3	+5·050	145 57 39·65	0·53	3	+ 0·80
1543	Lacaille 7495 ...	7	17 51 7·76	0·55	3	+5·398	150 7 37·70	0·55	3	+ 0·78
1544	Lacaille 7517 ...	7	17 53 22·35	0·55	3	+5·312	149 10 28·94	0·55	4	+ 0·58
1545	Lacaille 7518 ...	7·6	17 53 41·51	0·54	4	+5·315	149 12 19·55	0·54	4	+ 0·55
1546	Lacaille 7528 ...	7·6	17 55 32·03	0·52	3	+5·260	148 34 25·84	0·52	3	+ 0·39
1547	Lacaille 7523 ...	6	17 55 33·20	0·52	3	+5·881	154 33 11·63	0·52	3	+ 0·39
1548	Lacaille 7527 ...	6	17 56 32·76	0·65	1	+5·774	153 40 11·01	0·65	1	+ 0·30
1549	Lacaille 7537 ...	7	17 57 47·28	0·57	3	+5·032	145 42 0·62	0·57	4	+ 0·19
1550	Brisbane 6303 ...	6·5	17 58 49·06	0·58	3	+5·589	152 1 27·33	0·58	3	+ 0·10
1551	Lacaille 7540 ...	6·7	17 58 55·33	0·56	3	+5·302	149 3 12·89	0·56	3	+ 0·10
1552	Lacaille 7544 ...	7	18 0 7·18	0·59	3	+5·814	154 0 22·31	0·59	3	− 0·01
1553	B.A.C. 6127 ...	5	18 0 9·98	0·49	3	+3·797	118 28 6·93	0·49	3	− 0·02
1554	Lacaille 7560 ...	7	18 1 1·67	0·59	3	+5·229	148 12 31·37	0·59	3	− 0·09
1555	Lacaille 7564 ...	7	18 1 15·64	0·60	3	+5·086	146 25 16·48	0·60	3	− 0·11
1556	Lacaille 7567 ...	7·6	18 1 17·39	0·58	3	+5·009	145 22 50·16	0·58	4	− 0·11
1557	72 Ophiuchi.....	3·4	18 1 25·36	0·59	1	+2·847				
1558	Lacaille 7566 ...	7	18 1 27·11	0·60	3	+5·088	146 26 58·07	0·60	3	− 0·13
1559	Lacaille 7561 ...	6	18 2 14·83	0·60	3	+5·779	153 42 46·63	0·60	3	− 0·19
1560	Lacaille 7577 ...	5	18 3 48·48	0·61	3	+5·705	153 5 3·30	0·61	3	− 0·33
1561	Lacaille 7584 ...	7	18 4 17·96	0·60	3	+5·201	147 52 48·01	0·60	3	− 0·38
1562	Lacaille 7596 ...	7·8	18 5 23·15	0·58	3	+5·009	145 23 18·16	0·58	4	− 0·47
1563	Lacaille 7593 ...	7	18 5 29·36	0·59	3	+5·106	146 40 56·48	0·59	3	− 0·48
1564	Lacaille 7594 ...	7·6	18 5 42·86	0·61	3	+5·169	147 28 48·59	0·61	3	− 0·50
1565	μ Sagittarii.....	4	18 6 17·23	0·44	4	+3·584				
1566	Lacaille 7608 ...	6·5	18 6 35·70	0·60	3	+5·058	146 3 32·51	0·60	3	− 0·58
1567	Lacaille 7614 ...	7	18 7 14·86	0·55	3	+5·092	146 31 0·39	0·55	3	− 0·63
1568	Lacaille 7601 ...	6	18 7 34·94	0·58	3	+5·802	153 55 6·15	0·60	4	− 0·66
1569	Lacaille 7625 ...	7·6	18 9 30·51	0·61	3	+5·375	149 53 8·13	0·61	3	− 0·83
1570	Lacaille 7633 ...	7·6	18 9 47·65	0·60	3	+5·072	146 15 40·39	0·60	3	− 0·86
1571	B.A.C. 6194 ...	5·6	18 10 13·65	0·47	3	+3·755	117 5 8·38	0·46	7	− 0·90
1572	Lacaille 7649 ...	7	18 11 41·39	0·54	3	+5·023	145 36 56·79	0·54	3	− 1·02
1573	*	7·8	18 11 41·51	0·64	3	+5·024	145 37 28·17	0·64	3	− 1·02
1574	Lacaille 7638 ...	5·4	18 11 42·27	0·60	3	+5·536	151 32 49·24	0·60	3	− 1·02
1575	Lacaille 7641 ...	7	18 11 42·73	0·60	3	+5·461	150 48 4·43	0·60	3	− 1·03

No. 1559: Lacaille 7561.—Double Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1576	Lacaille 7658 ...	7	18 13 14·80	0·57	3	+5·354	149 40 23·31	0·57	3	— 1·16
1577	Lacaille 7656 ...	7·6	18 13 40·08	0·59	3	+5·700	153 4 39·31	0·59	4	— 1·20
1578	Lacaille 7663 ...	7	18 14 34·84	0·59	3	+5·139	147 9 20·40	0·59	3	— 1·28
1579	η Serpentis	3	18 14 50·51	0·61	4	+3·140				
1580	σ Octantis	5·6	18 15 27				179 16 39·27	0·66	10	— 1·41
	σ Octantis S.P...						38·21	0·13	20	
1581	Lacaille 7696 ...	6·5	18 19 10·47	0·55	3	+5·171	147 35 47·90	0·55	3	— 1·68
1582	Lacaille 7691 ...	5·4	18 19 41·87	0·56	3	+5·615	152 21 15·08	0·56	3	— 1·73
1583	Brisbane 6402 ...	7	18 19 51·05	0·56	2	+5·617	152 22 32·10	0·55	1	— 1·74
1584	λ Sagittarii	3	18 20 15·34	0·59	9	+3·707	115 29 18·52	0·43	2	— 1·77
1585	Lacaille 7704 ...	7	18 20 49·59	0·57	3	+5·345	149 38 32·84	0·57	3	— 1·82
1586	Lacaille 7716 ...	6·7	18 22 31·82	0·57	3	+5·268	148 47 23·80	0·57	3	— 1·97
1587	Lacaille 7742 ...	7	18 24 43·11	0·56	3	+5·019	145 40 23·59	0·56	3	— 2·16
1588	Lacaille 7755 ...	7	18 26 9·49	0·58	3	+5·065	146 19 11·49	0·58	3	— 2·28
1589	Lacaille 7744 ...	7	18 26 54·01	0·59	3	+5·915	154 57 45·11	0·59	3	— 2·35
1590	Lacaille 7753 ...	7	18 27 48·21	0·59	3	+5·896	154 49 38·25	0·59	3	— 2·43
1591	Lacaille 7760 ...	7	18 28 16·22	0·56	3	+5·300	149 13 14·27	0·56	3	— 2·47
1592	Lacaille 7764 ...	7·6	18 28 50·09	0·59	5	+5·277	148 58 23·87	0·59	4	— 2·52
1593	Lacaille 7768 ...	7·6	18 29 23·99	0·57	3	+5·269	148 53 6·77	0·57	3	— 2·57
1594	Lacaille 7766 ...	6	18 30 9·60	0·60	3	+5·883	154 45 6·48	0·60	3	— 2·63
1595	*	7·6	18 30 21·53	0·68	3	+5·052	146 11 48·63	0·68	3	— 2·65
1596	Lacaille 7773 ...	5·6	18 31 25·70	0·62	3	+5·869	154 39 48·28	0·62	3	— 2·74
1597	Lacaille 7783 ...	8·7	18 31 27·88	0·67	3	+5·060	146 19 40·15	0·67	3	— 2·74
1598	α Lyræ.....	1	18 32 42·32	0·61	3	+2·030				
1599	Lacaille 7799 ...	7	18 32 58·72	0·59	3	+5·025	145 52 47·75	0·59	3	— 2·88
1600	Lacaille 7792 ...	7	18 33 11·89	0·59	4	+5·282	149 5 48·83	0·59	4	— 2·89
1601	Lacaille 7797 ...	6	18 33 48·10	0·58	3	+5·479	151 12 49·35	0·58	3	— 2·95
1602	Lacaille 7817 ...	6·7	18 34 47·71	0·59	3	+5·108	147 0 9·64	0·59	3	— 3·03
1603	2 Aquilæ	5	18 35 25·73	0·60	2	+3·286				
1604	Lacaille 7820 ...	7	18 36 9·00	0·56	3	+5·406	150 30 2·84	0·56	3	— 3·15
1605	*	7	18 36 29·31	0·63	3	+5·593	152 21 17·19	0·63	3	— 3·18
1606	Lacaille 7821 ...	7	18 37 12·33	0·65	3	+5·707	153 24 0·24	0·65	3	— 3·24
1607	Lacaille 7832 ...	7	18 38 33·67	0·57	4	+5·273	149 4 51·52	0·57	4	— 3·36
1608	Lacaille 7840 ...	7	18 40 15·26	0·56	3	+5·450	151 1 59·89	0·56	3	— 3·50
1609	Lacaille 7841 ...	4	18 40 37·82	0·62	3	+5·582	152 19 37·72	0·62	3	— 3·54
1610	Lacaille 7882 ...	6	18 45 15·06	0·55	3	+5·136	147 34 32·49	0·55	3	— 3·93

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1611	β Lyræ	var.	18 45 27·82	0·65	2	+2·212				
1612	Lacaille 7879 ...	7·6	18 46 28·32	0·56	3	+5·776	154 9 25·68	0·56	3	— 4·04
1613	Lacaille 7895 ...	5·6	18 47 29·47	0·56	3	+5·372	150 21 41·61	0·56	3	— 4·13
1614	Lacaille 7907 ...	7	18 49 3·22	0·56	3	+5·369	150 22 3·69	0·56	3	— 4·26
1615	Lacaille 7905 ...	7	18 49 22·86	0·59	3	+5·639	153 1 53·50	0·59	3	— 4·29
1616	Lacaille 7917 ...	7	18 50 1·07	0·60	3	+4·949	145 10 56·44	0·60	3	— 4·34
1617	Lacaille 7924 ...	7	18 52 12·00	0·61	4	+5·738	153 57 32·77	0·63	3	— 4·53
1618	Lacaille 7937 ...	7	18 52 38·26	0·56	3	+5·090	147 9 56·10	0·56	3	— 4·57
1619	Lacaille 7933 ...	7	18 52 38·69	0·60	3	+5·164	148 5 47·73	0·60	3	— 4·57
1620	Lacaille 7942 ...	6	18 53 17·79	0·60	3	+5·165	148 8 10·50	0·60	3	— 4·62
1621	ε Aquilæ	4	18 53 56·93	0·65	1	+2·726				
1622	Lacaille 7938 ...	7·6	18 54 5·20	0·59	3	+5·729	153 55 27·29	0·59	3	— 4·69
1623	Lacaille 7974 ...	6·7	18 58 30·91	0·60	4	+4·984	145 54 27·66	0·60	4	— 5·06
1624	Lacaille 7977 ...	7	18 59 34·59	0·59	4	+5·332	150 14 25·76	0·59	4	— 5·16
1625	ζ Aquilæ	3	18 59 39·82	0·54	1	+2·752				
1626	Lacaille 7980 ...	neb.	18 59 49·30	0·62	3	+5·326	150 10 42·97	0·64	3	— 5·18
1627	Brisbane 6583 ...	6	19 1 56·08	0·66	3	+5·614	153 7 22·72	0 66	3	— 5·35
1628	Lacaille 8011 ...	7	19 4 6·14	0·60	3	+5·145	148 12 23·61	0·60	3	— 5·54
1629	Lacaille 8018 ...	7	19 5 46·97	0·60	3	+5·487	152 1 32·55	0·60	3	— 5·68
1630	ψ Sagittarii	6	19 7 52·49	0·61	1					
1631	Lacaille 8035 ...	7·6	19 8 20·61	0·57	3	+4·993	146 21 49·67	0·57	3	— 5·89
1632	ω Aquilæ.....	6·5	19 11 56·92	0·67	2	+2·814				
1633	*	7·8	19 12 22·34	0·56	1	+5·588	153 11 55·00	0·56	1	— 6·23
1634	Lacaille 8057 ...	6	19 12 39·72	0·57	3	+5·591	153 13 59·14	0·57	3	— 6·25
1635	Brisbane 6634 ...	7	19 13 20·55	0·61	3	+4·966	146 10 2·38	0·61	3	— 6·31
1636	Lacaille 8071 ...	7	19 14 9·04	0·60	3	+4·960	146 7 26·49	0·60	3	— 6·38
1637	Lacaille 8073 ...	7	19 14 48·63	0·60	3	+4·904	145 20 39·50	0·60	3	— 6·43
1638	Lacaille 8082 ...	7	19 16 6·24	0·62	3	+4·919	145 36 57·64	0·62	3	— 6·54
1639	δ Aquilæ	3·4	19 19 11·74	0·55	1	+3·023				
1640	Lacaille 8099 ...	6	19 19 40·99	0·60	3	+4·914	145 41 28·72	0·60	3	— 6·83
1641	Lacaille 8101 ...	6	19 20 25·78	0·64	4	+4·890	145 21 48·38	0·64	4	— 6·90
1642	Lacaille 8102 ...	7·6	19 21 14·28	0·64	3	+5·291	150 31 32·72	0·64	3	— 6·96
1643	Lacaille 8125 ...	7	19 26 30·76	0·61	3	+5·642	154 11 17·70	0·61	3	— 7·39
1644	Lacaille 8131 ...	7	19 27 48·00	0·62	3	+5·709	154 48 38·65	0·62	3	— 7·50
1645	Lacaille 8142 ...	6	19 27 54·58	0·64	3	+5·076	148 15 23·09	0·64	3	— 7·51

No. 1617: Lacaille 7924.—Double Star = Herschel 7652. Components each 7 mag.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1646	Lacaille 8149 ...	7	19 28 59·48	0·63	5	+5·092	148 30 38·74	0·63	5	− 7·59
1647	h^3 Sagittarii.....	5·4	19 29 5·90	0·58	2	+3·655				
1648	Lacaille 8150 ...	6·7	19 29 18·89	0·72	2	+5·085	148 25 59·36	0·72	2	− 7·62
1649	Lacaille 8155 ...	7·6	19 30 20·56	0·64	3	+5·091	148 33 3·57	0·64	3	− 7·70
1650	Lacaille 8165 ...	6·7	19 31 32·51	0·64	3	+4·868	145 33 4·29	0·64	3	− 7·80
1651	Lacaille 8163 ...	7	19 31 51·62	0·64	3	+5·145	149 17 26·43	0·64	3	− 7·82
1652	Lacaille 8180 ...	6·7	19 35 50·31	0·60	3	+5·444	152 45 0·60	0·60	3	− 8·14
1653	Lacaille 8200 ...	5·6	19 37 48·17	0·64	3	+4·922	146 39 36·76	0·64	3	− 8·30
1654	Lacaille 8199 ...	7	19 37 53·10	0·62	3	+5·022	148 1 39·14	0·62	3	− 8·31
1655	Lacaille 8194 ...	7	19 38 0·20	0·64	3	+5·371	152 6 57·59	0·64	3	− 8·32
1656	Lacaille 8201 ...	7·6	19 39 24·76	0·66	3	+5·294	151 22 8·54	0·66	3	− 8·43
1657	Lacaille 8204 ...	7·6	19 39 25·12	0·65	3	+5·138	149 34 14·48	0·65	3	− 8·43
1658	Lacaille 8207 ...	5·	19 40 7·65	0·66	3	+5·129	149 30 9·20	0·66	3	− 8·49
1659	γ Aquilæ.....	3	19 40 18·93	0·63	3	+2·853				
1660	Lacaille 8220 ...	7	19 41 52·99	0·66	3	+4·933	147 1 51·57	0·66	3	− 8·62
1661	Lacaille 8215 ...	7	19 42 17·95	0·68	3	+5·533	153 53 17·48	0·68	3	− 8·66
1662	Lacaille 8227 ...	6	19 42 39·45	0·65	3	+4·812	145 17 10·58	0·65	3	− 8·69
1663	*	7·6	19 42 40·83	0·65	3	+4·812	145 17 30·29	0·65	3	− 8·69
1664	Lacaille 8226 ...	6	19 43 44·81	0·68	3	+5·286	151 29 25·98	0·68	3	− 8·77
1665	α Aquilæ.....	1·2	19 44 41·03	0·49	11	+2·928				
1666	Lacaille 8245 ...	5	19 46 35·53	0·67	3	+5·079	149 13 38·89	0·68	4	− 8·99
1667	Lacaille 8247 ...	6	19 46 36·63	0·64	3	+5·003	148 15 2·13	0·64	3	− 9·00
1668	Lacaille 8244 ...	5	19 48 11·62	0·61	1	+5·915	157 16 31·52	0·61	1	− 9·12
1669	β Aquilæ.....	4	19 49 10·39	0·63	3	+2·947				
1670	Lacaille 8264 ...	7	19 49 28·79	0·62	3	+4·792	145 22 32·31	0·62	3	− 9·22
1671	Lacaille 8251 ...	5	19 49 41·17	0·61	1	+5·906	157 16 42·10	0·61	1	− 9·24
1672	Lacaille 8265 ...	7	19 50 37·54	0·66	3	+5·215	151 4 24·44	0·66	3	− 9·31
1673	Lacaille 8266 ...	7	19 50 38·13	0·67	4	+5·022	148 43 25·57	0·67	4	− 9·31
1674	Lacaille 8269 ...	5·6	19 51 12·04	0·66	3	+5·097	149 42 49·73	0·66	3	− 9·35
1675	Lacaille 8283 ...	7	19 53 57·32	0·64	3	+5·419	153 24 27·13	0·64	3	− 9·57
1676	Lacaille 8320 ...	5·6	19 57 43·96	0·64	4	+4·758	145 22 20·41	0·63	3	− 9·86
1677	Brisbane 6795 ...	7	19 58 45·96	0·65	3	+5·456	154 1 5·98	0·65	3	− 9·93
1678	Lacaille 8319 ...	7·6	19 58 55·12	0·65	4	+5·451	153 58 54·73	0·65	4	− 9·95
1679	Lacaille 8337 ...	6	20 0 57·74	0·65	3	+4·913	147 53 12·83	0·65	3	−10·10
1680	Lacaille 8347 ...	7	20 3 9·20	0·68	3	+5·313	152 51 40·81	0·68	3	−10·27

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1681	Lacaille 8343 ...	7	20 3 12·62	0·66	3	+5·513	154 48 0·38	0·66	3	−10·27
1682	Brisbane 6809 ...	6·5	20 3 18·69	0·67	3	+5·404	153 47 17·13	0·67	3	−10·28
1683	Lacaille 8349 ...	6·7	20 3 30·59	0·68	3	+5·291	152 39 2·06	0·68	3	−10·29
1684	Lacaille 8363 (1)	7·8	20 4 53·07	0·68	3	+4·856	147 20 49·71	0·68	3	−10·40
1685	Lacaille 8363 (2)	7·8	20 4 53·65	0·68	3	+4·856	147 20 42·46	0·68	3	−10·40
1686	Lacaille 8370 ...	6	20 7 55·62	0·66	3	+5·231	152 17 16·46	0·66	3	−10·62
1687	Lacaille 8368 ...	6	20 8 0·09	0·68	3	+5·358	153 36 40·83	0·68	4	−10·63
1688	Lacaille 8384 ...	7	20 10 23·53	0·65	3	+4·956	149 7 1·60	0·65	3	−10·80
1689	Lacaille 8389 ...	6	20 10 48·22	0·66	3	+4·705	145 26 17·85	0·66	3	−10·83
1690	a^2 Capricorni ...	3·4	20 11 7·05	0·70	1	+3·331				
1691	Lacaille 8416 ...	2	20 15 44·83	0·65	3	+4·789	147 7 59·34	0·65	3	−11·20
1692	Lacaille 8422 ...	7	20 19 27·92	0·64	3	+5·383	154 36 5·23	0·64	3	−11·46
1693	Lacaille 8428 ...	7	20 19 37·63	0·64	3	+4·910	149 10 59·25	0·64	3	−11·47
1694	ρ Capricorni.....	5	20 21 43·77	0·67	4	+3·425				
1695	Lacaille 8456 ...	7·6	20 23 52·85	0·65	3	+5·265	153 44 1·17	0·64	4	−11·78
1696	Lacaille 8461 ...	3·4	20 25 12·66	0·68	3	+5·016	150 59 59·79	0·68	3	−11·87
1697	Lacaille 8464 ...	6	20 25 51·30	0·65	3	+5·233	153 32 42·04	0·65	3	−11·92
1698	Lacaille 8470 ...	5	20 27 5·44	0·68	3	+5 083	151 57 25·58	0·68	3	−12·01
1699	Lacaille 8444 ...	7	20 27 34·62	0·68	3	+7·696	166 58 44·69	0·68	3	−12·04
1700	Lacaille 8482 ...	7	20 28 54·03	0·69	3	+5·072	151 58 8·88	0·69	3	−12·13
1701	Lacaille 8484 ...	6	20 29 9·42	0·70	3	+5·191	153 20 23·35	0·70	3	−12·15
1702	Lacaille 8490 ...	5	20 29 40·31	0·67	3	+4·985	150 57 52·41	0·67	3	−12·19
1703	Lacaille 8508 ...	7	20 34 36·16	0·63	3	+5·299	154 52 27·74	0·63	3	−12·53
1704	Lacaille 8541 ...	7	20 38 52·13	0·64	3	+4·831	149 41 23·22	0·64	3	−12·81
1705	ε Aquarii	4·3	20 40 54·46	0·75	1	+3·251				
1706	Lacaille 8550 ...	7	20 41 11·43	0·66	3	+5·064	152 53 24·34	0·66	3	−12·97
1707	Lacaille 8558 ...	7	20 42 42·31	0·66	3	+5·214	154 39 50·44	0·66	3	−13·07
1708	Lacaille 8571 ...	7·6	20 43 46·39	0·68	3	+4·834	150 10 32·09	0·68	3	−13·14
1709	Lacaille 8568 ..	7	20 43 52·42	0·72	3	+5·080	153 18 13·59	0·72	4	−13·15
1710	Lacaille 8584 ...	4	20 45 1·55	0·74	3	+4·740	148 55 24·69	0·74	3	−13·22
1711	Lacaille 8599 ...	7	20 46 31·02	0·71	3	+4·674	148 2 37·16	0·71	3	−13·32
1712	Lacaille 8605 ...	7	20 46 48·31	0·71	3	+4·535	145 41 40·67	0·72	4	−13·34
1713	32 Vulpeculæ ...	5·6	20 49 13·88	0·67	5	+2·554				
1714	*	6	20 50 5				176 8 46·30	0·71	1	−13·56
1715	Lacaille 8474 ...	7	20 50 50				175 15 28·74	0·75	1	−13·60

No. 1706: Lacaille 8550.—Double Star = Herschel 8748.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			
1716	Lacaille 8634 ...	7	20 54 52·00	0·67	3	+4·708	149 25 26·64	0·67	3	−13·86
1717	Lacaille 8648 ...	5·4	20 56 1·73	0·69	3	+4·457	145 13 10·50	0·69	3	−13·93
1718	Lacaille 8659 ...	7	20 57 17·62	0·68	3	+4·462	145 27 10·43	0·68	3	··14·01
1719	Lacaille 8656 ...	6·7	20 57 36·92	0·60	3	+4·760	150 29 20·72	0·60	3	−14·03
1720	Lacaille 8654 ...	5	20 58 8·04	0·73	3	+5·064	154 25 40·68	0·73	3	−14·06
1721	Lacaille 8665 ...	7	20 58 30·54	0·75	3	+4·545	147 8 5·79	0·75	3	−14·09
1722	Lacaille 8666 ...	6·7	20 59 43·51	0·75	3	+5·059	154 31 34·49	0·75	3	−14·16
1723	Lacaille 8676 ...	7	20 59 46·45	0·74	3	+4·609	148 22 5·11	0·74	3	−14·17
1724	Lacaille 8679 ...	7	20 59 51·39	0·76	3	+4·464	145 47 42·66	0·76	3	−14·17
1725	Lacaille 8680 ...	6	21 0 43·21	0·75	3	+4·699	149 54 41·81	0·75	3	−14·23
1726	Lacaille 8687 ...	7·6	21 1 16·14	0·71	3	+4·419	145 4 41·30	0·71	3	−14·26
1727	Lacaille 8692 ...	6·7	21 2 15·03	0·72	3	+4·515	147 1 24·81	0·72	3	−14·32
1728	Lacaille 8694 ...	7·6	21 2 50·08	0·72	4	+4·726	150 33 24·20	0·72	4	−14·35
1729	B Octantis	6	21 3 50·36	0·35	8	+94·790	179 25 29·71	0·49	3	−14·40
	B Octantis S.P. .						29·20	0·35	3	
1730	Lacaille 8709 ...	7·6	21 4 24·85	0·69	3	+4·421	145 29 59·72	0·69	3	−14·45
1731	Lacaille 8705 ...	7·6	21 4 48·19	0·72	3	+4·690	150 13 17·93	0·72	3	−14·47
1732	Lacaille 8712 ...	7	21 5 0·55	0·72	3	+4·483	146 45 49·24	0·72	3	−14·49
1733	Lacaille 8714 ...	6·7	21 5 43·53	0·73	3	+4·633	149 26 29·71	0·73	3	−14·53
1734	Lacaille 8718 ...	6	21 6 17·49	0·71	3	+4·552	148 8 47·36	0·71	3	−14·56
1735	Lacaille 8730 ...	7	21 7 20·56	0·73	3	+4·397	145 22 26·29	0·71	4	−14·63
1736	ζ Cygni	3	21 7 36·94	0·80	1	+2·548				
1737	Lacaille 8728 ...	7	21 7 54·91	0·72	2	+4·753	151 30 17·72	0·72	2	−14·66
1738	Lacaille 8733 ...	6·7	21 8 46·68	0·69	3	+4·771	151 51 31·09	0·69	3	−14·71
1739	*	8·7	21 8 53·04	0·29	1	+4·741	151 27 9·03	0·29	1	−14·72
1740	Lacaille 8748 ...	7	21 10 35·99	0·68	3	+4·363	145 4 57·80	0·68	3	−14·82
1741	Lacaille 8763 ...	7	21 12 21·25	0·68	3	+4·361	145 16 31·75	0·68	3	−14·92
1742	Lacaille 8762 ...	7	21 12 48·66	0·71	3	+4·640	150 23 27·11	0·71	3	−14·95
1743	Lacaille 8775 ...	6·7	21 13 30·11	0·71	3	+4·405	146 18 45·06	0·72	4	−14·99
1744	Lacaille 8770 ...	7	21 13 33·47	0·70	3	+4·510	148 17 52·92	0·70	3	−14·99
1745	*	7	21 14 35·32	0·72	3	+4·385	146 4 12·11	0·72	3	−15·05
1746	Lacaille 8784 ...	6	21 15 32·56	0·73	3	+4·468	147 47 20·70	0·73	3	−15·11
1747	Lacaille 8789 ...	7	21 16 54·58	0·68	3	+4·388	146 25 25·81	0·68	3	−15·19
1748	Lacaille 8792 ...	5·6	21 17 19·65	0·70	3	+4·326	145 11 55·30	0·70	3	−15·21
1749	Lacaille 8810 ...	6·7	21 21 1·62	0·71	3	+4·729	152 42 34·23	0·70	4	−15·42
1750	*	7	21 21 2·10	0·75	3	+4·380	146 49 18·47	0·75	3	−15·42

No. 1726: Lacaille 8687.—Double Star.

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1751	Lacaille 8820 ...	7·8	21 21 55·79	0·70	3	+4·404	147 25 51·22	0·70	3	−15·47
1752	Lacaille 8826 ...	7·6	21 23 37·27	0·70	3	+4·547	150 14 56·22	0·70	3	−15·56
1753	β Aquarii.....	3	21 24 58·64	0·68	4	+3·161				
1754	Lacaille 8831 ...	7·6	21 25 56·11	0·69	3	+4·744	153 31 14·06	0·68	4	−15·69
1755	*	7	21 26 21·89	0·72	3	+4·525	150 14 47·92	0·72	3	−15·71
1756	Lacaille 8856 ...	7·6	21 31 4·86	0·68	3	+4·367	148 0 9·20	0·68	3	−15·97
1757	ξ Aquarii	5·4	21 31 5·76	0·73	1	+3·193				
1758	Lacaille 8858 ...	6·5	21 31 43·70	0·68	3	+4·281	146 18. 7·69	0·68	3	−16·00
1759	Lacaille 8872 ...	7	21 34 45·44	0·70	3	+4·605	152 40 58·82	0·70	3	−16·16
1760	Lacaille 8876 ...	7·6	21 34 49·32	0·70	3	+4·336	147 56 9·06	0·70	3	−16·16
1761	Lacaille 8877 ...	6	21 35 5·06	0·71	4	+4·332	147 53 34·81	0·71	4	−16·18
1762	Lacaille 8878 ...	6	21 35 6·60	0·71	4	+4·329	147 51 3·49	0·71	4	−16·18
1763	Lacaille 8881 ...	6	21 35 14·46	0·72	2	+4·203	145 4 8·98	0·72	3	−16·18
1764	Lacaille 8882 ...	7·6	21 35 17·97	0·73	3	+4·226	145 37 30·98	0·73	3	−16·19
1765	Lacaille 8884 ...	6	21 35 32·51	0·74	3	+4·242	146 2 33·06	0·74	3	−16·20
1766	Lacaille 8888 ...	6·7	21 36 50·03	0·70	3	+4·615	153 7 17·31	0·70	3	−16·27
1767	ε Pegasi	2·3	21 38 2·70	0·79	1	+2·948				
1768	Lacaille 8908 ...	6	21 40 8·98	0·73	3	+4·245	146 51 7·58	0·73	3	−16·44
1769	Lacaille 8919 ...	7	21 42 1·79	0·70	3	+4·184	145 44 46·11	0·70	3	−16·53
1770	Lacaille 8920 ...	7·6	21 42 50·56	0·70	3	+4·527	152 37 56·11	0·70	3	−16·57
1771	Lacaille 8926 ...	6·7	21 43 18·76	0·72	3	+4·201	146 21 45·67	0·72	3	−16·59
1772	Lacaille 8928 ...	7·6	21 43 19·14	0·71	3	+4·154	145 14 2·25	0·71	3	−16·59
1773	Lacaille 8932 ...	7·8	21 44 1·16	0·73	3	+4·265	147 55 10·91	0·73	3	−16·63
1774	Lacaille 8933 ...	7	21 44 8·87	0·75	3	+4·232	147 13 2·65	0·75	3	−16·63
1775	Lacaille 8931 ...	7	21 44 34·80	0·76	3	+4·579	153 41 22·31	0·76	3	−16·65
1776	Lacaille 8939 ...	5·6	21 45 56·96	0·73	3	+4·489	152 28 18·14	0·73	3	−16·72
1777	16 Pegasi	5·6	21 47 22·44	0·70	4	+2·727				
1778	Lacaille 8950 ...	5·6	21 47 26·75	0·74	3	+4·264	148 29 24·47	0·74	3	−16·79
1779	Lacaille 8949 ...	7·6	21 47 44·94	0·71	3	+4·470	152 26 9·35	0·71	3	−16·81
1780	Lacaille 8954 ...	7	21 47 49·75	0·72	3	+4·165	146 16 49·97	0·72	3	−16·81
1781	Lacaille 8962 ...	4	21 49 23·88	0·73	3	+4·125	145 35 7·86	0·73	3	−16 89
1782	Lacaille 8960 ...	7	21 49 26·99	0·71	3	+4·195	147 17 55·19	0·71	3	−16·89
1783	Lacaille 8959 ...	6	21 49 38·81	0·73	3	+4·300	149 36 24·36	0·73	3	−16·90
1784	Lacaille 8973 ...	6·5	21 51 51·47	0·72	3	+4·143	146 28 49·16	0·72	3	−17·00
1785	Lacaille 8975 ...	4	21 53 47·22	0·70	3	+4·162	147 17 54·10	0·70	3	−17·09

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1786	Lacaille 8992 ...	6·7	21 55 8·91	0·71	3	+4·122	146 34 33·66	0·71	3	−17·15
1787	Lacaille 8997 ...	7	21 56 5·79	0·69	3	+4·128	146 54 7·76	0·69	3	−17·19
1788	Lacaille 9001 ...	6	21 57 3·24	0·74	3	+4·267	150 14 22·42	0·74	3	−17·24
1789	Lacaille 9011 ...	7·6	21 58 59·40	0·73	3	+4·236	149 55 29·24	0·73	3	−17·32
1790	α Aquarii	3	21 59 21·81	0·82	2	+3·080				
1791	Lacaille 9018 ...	7	22 0 14·76	0·73	3	+4·101	147 2 41·32	0·73	3	−17·38
1792	Lacaille 9031 ...	7·6	22 2 26·17	0·71	3	+4·048	146 3 55·08	0·71	3	−17·47
1793	Lacaille 9041 ...	7	22 4 26·72	0·72	3	+4·205	150 18 27·88	0·72	3	−17·56
1794	Lacaille 9044 ...	7	22 4 34·71	0·72	3	+4·049	146 33 37·85	0·72	3	−17·56
1795	Lacaille 9051 ...	7	22 5 45·00	0·72	3	+4·017	145 54 59·93	0·72	3	−17·61
1796	C Octantis	6	22 7 3				176 35 60·63	0·81	7	−17·76
	C Octantis S.P.						58·61	0·38	1	
1797	Lacaille 9054 ...	7	22 7 30·79	0·72	3	+4·362	153 57 24·34	0·72	3	−17·69
1798	Lacaille 9060 ...	6·7	22 7 42·85	0·73	3	+4·087	148 11 16·56	0·73	3	−17·69
1799	Lacaille 9067 ...	6·7	22 9 10·22	0·76	3	+4·316	153 26 1·94	0·76	3	−17·75
1800	Lacaille 9074 ...	5	22 9 55·23	0·85	2	+4·181	150 52 53·65	0·86	1	−17·79
1801	θ Aquarii.....	4·5	22 10 14·19	0·68	5	+3·169				
1802	Lacaille 9087 ...	7	22 11 34·87	0·75	3	+3·983	146 12 40·65	0·75	3	−17·85
1803	Lacaille 9092 ...	6·5	22 12 15·69	0·73	3	+4·047	148 8 8·89	0·73	3	−17·88
1804	Lacaille 9096 ...	7	22 13 9·99	0·71	3	+3·977	146 23 35·52	0·71	3	−17·91
1805	Lacaille 9104 ...	7	22 14 24·02	0·72	3	+3·980	146 46 51·61	0·72	3	−17·96
1806	Lacaille 9112 ...	5	22 16 37·13	0·72	3	+4·020	148 25 2·92	0·72	3	−18·05
1807	Lacaille 9125 ...	7·6	22 19 6·33	0·70	3	+4·007	148 38 9·01	0·70	3	−18·14
1808	Lacaille 9129 ...	6	22 20 33·16	0·71	3	+4·074	150 41 27·05	0·71	3	−18·19
1809	σ Aquarii.....	5·4	22 24 1·86	0·73	4	+3·182				
1810	Lacaille 9153 ...	4	22 24 31·80	0·72	3	+4·117	152 37 23·34	0·72	3	−18·34
1811	Lacaille 9156 ...	7	22 24 51·53	0·72	3	+4·048	151 4 35·03	0·72	3	−18·35
1812	Lacaille 9154 ...	7·6	22 24 54·08	0·75	3	+4·183	154 6 51·20	0·75	3	−18·35
1813	Lacaille 9168 ...	7	22 27 30·25	0·74	3	+3·846	145 49 45·13	0·74	3	−18·44
1814	Lacaille 9170 ...	6·5	22 27 46·20	0·77	3	+3·928	148 31 43·54	0·77	3	−18·45
1815	Lacaille 9171 ...	7	22 27 55·20	0·77	3	+3·839	145 41 53·29	0·77	3	−18·46
1816	Lacaille 9174 ...	7	22 28 9·32	0·79	3	+3·824	145 14 50·90	0·79	3	−18·47
1817	Lacaille 9176 ...	7	22 28 13·03	0·75	3	+3·840	145 50 15·98	0·75	3	−18·47
1818	η Aquarii	4·3	22 28 55·97	0·71	6	+3·082	90 45 40·06	0·82	1	
1819	Lacaille 9182 ...	7	22 30 8·33	0·77	3	+3·833	146 7 9·51	0·77	3	−18·53
1820	Lacaille 9198 ...	5	22 32 0·80	0·73	3	+3·876	148 4 23·51	0·73	3	−18·59

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			h m s			s	° ′ ″			″
1821	Lacaille 9201 ...	6	22 33 19·41	0·76	3	+3·853	147 40 47·49	0·76	3	−18·64
1822	ζ Pegasi	3·4	22 35 13·68	0·86	5	+2·986				
1823	Lacaille 9207 ...	7	22 35 35·44	0·76	3	+3·954	151 22 38·60	0·76	3	−18·71
1824	Lacaille 9213 ...	6	22 36 10·16	0·77	3	+3·941	151 9 17·47	0·77	3	−18·73
1825	Lacaille 9212 ...	6	22 36 12·03	0·78	3	+4·079	154 36 30·80	0·78	3	−18·73
1826	Lacaille 9217 ...	7½	22 36 35·33	0·78	3	+3·923	150 46 14·33	0·76	3	−18·74
1827	Lacaille 9219 ...	7·6	22 36 58·01	0·75	3	+3·816	147 28 55·52	0·75	3	−18·75
1828	Lacaille 9226 ...	6	22 38 20·25	0·80	3	+3·757	145 43 13·06	0·80	3	−18·79
1829	Lacaille 9235 ...	7·6	22 39 21·07	0·73	3	+3·732	145 4 12·54	0·73	3	−18·83
1830	*	7	22 39 36·92	0·73	3	+3·730	145 4 13·87	0·72	2	−18·83
1831	Lacaille 9239 ...	7	22 40 2·48	0·79	3	+3·843	149 20 33·07	0·79	3	−18·85
1832	Lacaille 9241 ...	7	22 40 2·69	0·84	3	+3·729	145 9 22·42	0·84	3	−18·85
1833	Lacaille 9238 ...	6	22 40 13·87	0·82	3	+3·942	152 20 33·93	0·82	3	−18·85
1834	Lacaille 9240 ...	6	22 40 40·57	0·83	3	+4·018	154 22 39·84	0·83	3	−18·86
1835	Lacaille 9252 ...	7	22 41 47·02	0·80	3	+3·835	149 35 20·88	0·80	3	−18·90
1836	Lacaille 9257 ...	7	22 42 19·42	0·78	5	+3·729	145 53 38·81	0·78	5	−18·91
1837	Lacaille 9258 ...	7·6	22 42 33·04	0·81	3	+3·846	150 11 11·25	0·81	3	−18·92
1838	Lacaille 9259 ...	7	22 42 47·19	0·82	3	+3·958	153 28 32·68	0·82	3	−18·93
1839	Lacaille 9264 ...	7	22 42 53·12	0·80	3	+3·724	145 52 49·43	0·80	3	−18·93
1840	Lacaille 9265 ...	7	22 43 18·52	0·78	3	+3·825	149 45 32·12	0·78	3	−18·94
1841	Lacaille 9267 ...	6	22 43 50·96	0·72	3	+3·844	150 32 35·46	0·72	3	−18·96
1842	Lacaille 9268 ...	5·6	22 44 1·88	0·82	3	+3·958	153 50 57·99	0·82	3	−18·96
1843	Lacaille 9272 ...	6·7	22 44 45·40	0·79	3	+3·936	153 28 45·84	0·79	3	−18·98
1844	Lacaille 9274 ...	7	22 45 6·17	0·78	3	+3·969	154 25 36·12	0·78	3	−18·99
1845	Lacaille 9302 ...	6	22 49 43·42	0·75	4	+3·707	147 32 34·84	0·75	3	−19·12
1846	Lacaille 9306 ...	6·	22 50 13·52	0·76	3	+3·760	149 45 19·90	0·76	3	−19·13
1847	α Piscis Australis	1·2	22 50 44·33	0·72	6	+3·327				
1848	Lacaille 9310 ...	7	22 51 13·70	0·79	3	+3·691	147 26 29·90	0·79	3	−19·16
1849	Lacaille 9308 ...	7·6	22 51 30·77	0·80	3	+3·777	150 49 31·68	0·80	3	−19·17
1850	Lacaille 9312 ...	7·6	22 51 47·73	0·81	3	+3·857	153 26 24·97	0·81	3	−19·17
1851	Lacaille 9320 ...	6·7	22 53 21·11	0·77	5	+3·713	149 6 27·70	0·72	3	−19·21
1852	Lacaille 9323 ...	6·7	22 54 1·12	0·78	3	+3·842	153 45 25·91	0·78	3	−19·23
1853	Lacaille 9325 ...	7	22 54 17·44	0·81	3	+3·882	154 58 2·65	0·81	3	−19·24
1854	Lacaille 9340 ...	7	22 55 46·08	0·72	3	+3·617	145 50 18·95	0·72	3	−19·27
1855	Lacaille 9342 ...	7	22 56 1·28	0·81	3	+3·643	147 10 18·78	0·81	3	−19·28

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			h m s			s	° ′ ″			″
1856	Lacaille 9345 ...	7·6	22 56 30·41	0·82	3	+3·622	146 22 9·07	0·82	3	−19·29
1857	Lacaille 9346 ...	7	22 56 45·95	0·77	3	+3·606	145 42 0·79	0·77	3	−19·30
1858	α Pegasi	2	22 58 31·98	0·79	2	+2·984				
1859	Lacaille 9368 ...	6·7	23 0 47·13	0·77	3	+3·790	154 32 27·39	0·77	3	−19·39
1860	Lacaille 9372 ...	7	23 1 3·35	0·76	3	+3·671	150 24 38·60	0·76	3	−19·39
1861	Lacaille 9377 ...	6	23 2 52·78	0·78	3	+3·673	151 14 28·16	0·78	3	−19·43
1862	Lacaille 9380 ...	6	23 3 28·63	0·77	3	+3·738	153 52 2·52	0·77	3	−19·45
1863	Lacaille 9394 ...	7·6	23 5 48·85	0·75	3	+3·533	145 47 4·19	0·75	3	−19·50
1864	Lacaille 9396 ...	5	23 6 23·00	0·75	3	+3·690	153 21 54·22	0·75	3	−19·51
1865	Lacaille 9403 ...	7	23 7 47·72	0·78	3	+3·545	147 24 47·54	0·78	3	−19·54
1866	Lacaille 9406 ...	6	23 8 4·70	0·78	3	+3·541	147 22 18·15	0·78	3	−19·54
1867	Lacaille 9405 ...	7	23 8 5·91	0·80	3	+3·600	150 22 29·25	0·80	3	−19·54
1868	τ Octantis	6	23 8 18·13	0·43	5	+12·420	178 10 4·03	0·76	6	−19·57
	τ Octantis S.P.						2·52	0·41	14	
1869	Lacaille 9410 ...	6	23 9 10·05	0·82	3	+3·512	146 12 32·33	0·82	3	−19·56
1870	Lacaille 9412 ...	5	23 9 25·58	0·84	3	+3·639	152 40 55·54	0·84	3	−19·57
1871	Lacaille 9413 ...	7	23 9 49·76	0·81	3	+3·654	153 27 46·52	0·81	3	−19·58
1872	Lacaille 9422 ...	7·8	23 10 4·78	0·85	3	+3·494	145 36 52·65	0·85	3	−19·58
1873	Lacaille 9420 ...	4·5	23 10 7·24	0·87	3	+3·551	148 55 14·47	0·87	3	−19·58
1874	*	7·8	23 10 29·65	0·81	1	+3·604	151 40 50·45	0·81	1	−19·59
1875	Lacaille 9423 ...	6	23 10 35·24	0·87	3	+3·603	151 40 59·32	0·87	3	−19·59
1876	γ Piscium	4	23 10 41·09	0·76	3	+3·106				
1877	Lacaille 9428 ...	7	23 11 14·12	0·84	3	+3·575	150 40 57·90	0·84	3	−19·60
1878	Lacaille 9431 ...	7	23 11 16·30	0·79	4	+3·480	145 19 55·28	0·79	4	−19·60
1879	Lacaille 9438 ...	7	23 12 40·80	0·84	2	+3·470	145 23 46·71	0·84	2	−19·63
1880	Lacaille 9449	5	23 15 39·30	0·75	3	+3·531	150 44 27·23	0·75	3	−19·68
1881	*	7	23 15 43·23	0·80	3	+3·488	148 18 36·44	0·80	3	−19·68
1882	Lacaille 9452 ...	6	23 16 15·13	0·76	3	+3·452	146 14 19·35	0·76	3	−19·69
1883	Lacaille 9463 ...	5	23 18 10·87	0·77	3	+3·454	147 32 6·08	0·77	3	−19·72
1884	Lacaille 9465 ...	6·7	23 19 9·44	0·80	3	+3·557	153 55 27·84	0·80	3	−19·74
1885	Lacaille 9472 ...	7	23 19 49·54	0·83	3	+3·462	149 6 33·57	0·83	3	−19·75
1886	Lacaille 9471 ...	6	23 19 53·23	0·82	3	+3·538	153 25 28·87	0·82	3	−19·75
1887	Lacaille 9474 ...	5	23 20 6·35	0·80	3	+3·460	149 9 57·74	0·80	3	−19·75
1888	κ Piscium	5·4	23 20 31·45	0·77	3	+3·075				
1889	Lacaille 9481 ...	7·6	23 21 8·75	0·83	3	+3·421	147 7 20·63	0·83	3	−19·77
1890	Lacaille 9484 ...	6·7	23 21 41·46	0·83	3	+3·460	150 7 28·96	0·83	3	−19·77

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			h m s			s	° ′ ″			″
1891	Lacaille 9483 ...	5	23 21 45·80	0·81	3	+3·523	153 47 55·47	0·81	3	−19·78
1892	Lacaille 9488 ...	6	23 22 17·32	0·77	3	+3·387	145 11 25·17	0·77	3	−19·78
1893	Lacaille 9498 ...	6·7	23 24 30·01	0·74	3	+3·388	146 49 54·98	0·74	3	−19·81
1894	Lacaille 9506 ...	7·8	23 24 58·95	0·82	3	+3·385	146 57 34·63	0·82	3	−19·82
1895	*	7·8	23 25 1·32	0·83	2	+3·385	146 56 18·94	0·83	2	−19·82
1896	Lacaille 9504 ...	7	23 25 17·32	0·80	3	+3·492	154 20 37·12	0·80	3	−19·82
1897	*	7·8	23 26 27·49	0·79	1	+3·381	147 43 10·45	0·79	1	−19 84
1898	Lacaille 9512 ...	7	23 26 31·54	0·79	3	+3·381	147 44 40·08	0·79	3	−19·84
1899	Lacaille 9520 ...	6·5	23 28 6·58	0·77	3	+3·364	147 30 56·66	0·77	3	−19·86
1900	Lacaille 9521 ...	7	23 28 9·86	0·76	3	+3·354	146 41 55·02	0·76	3	−19·86
1901	Lacaille 9536 ...	7·6	23 31 20·49	0·78	3	+3·331	147 8 34·68	0·78	3	−19·90
1902	Lacaille 9538 ...	6	23 31 42·73	0·79	3	+3·404	153 34 39·23	0·79	4	−19·90
1903	ε Piscium	4·5	23 33 31·24	0·80	6	+3·084	85 3 4·04	0·86	3	−19·47
1904	Lacaille 9549 ...	7·6	23 34 2·34	0·77	3	+3·306	147 6 42·54	0·77	3	−19·93
1905	Lacaille 9556 ...	7	23 35 22·26	0·79	2	+3·294	147 4 23·77	0·78	3	−19·94
1906	Lacaille 9557 ...	6·7	23 35 32·80	0·79	3	+3·337	151 45 18·28	0·79	3	−19·94
1907	Lacaille 9577 ...	7·6	23 37 35·41	0·79	3	+3·260	145 7 46·50	0·79	3	−19·96
1908	Lacaille 9589 ...	7·6	23 40 8·89	0·81	3	+3·247	146 30 15·99	0·81	3	−19·98
1909	Lacaille 9590 ...	7	23 40 18·01	0·81	3	+3·243	146 6 10·96	0·81	3	−19·98
1910	δ Sculptoris	4·5	23 42 24·64	0·84	7	+3·138				
1911	Lacaille 9604 ...	6	23 43 0·32	0·78	3	+3·271	153 31 59·48	0·78	3	−20·00
1912	Lacaille 9628 ...	7	23 45 51·27	0·80	3	+3·211	149 14 44·89	0·80	3	−20·02
1913	Lacaille 9629 ...	7·8	23 46 15·77	0·81	3	+3·198	147 28 10·22	0·81	3	−20·02
1914	Lacaille 9631 ...	7	23 46 33·42	0·80	2	+3·185	145 3 43·99	0·80	3	−20·02
1915	Lacaille 9638 ...	7	23 47 36·85	0·80	3	+3·199	150 14 16·94	0·80	3	−20·03
1916	Lacaille 9649 ...	6·7	23 49 34·06	0·82	3	+3·195	153 34 8·00	0·82	3	−20·03
1917	Lacaille 9654 ...	7	23 50 3·08	0·83	3	+3·160	146 23 31·28	0·83	3	−20·04
1918	Lacaille 9653 ...	7	23 50 4·05	0·82	3	+3·159	146 10 49·12	0·82	3	−20·04
1919	Lacaille 9656 ...	7·6	23 50 11·14	0·80	3	+3·163	147 50 38·95	0·80	3	−20·04
1920	Lacaille 9658 ...	6	23 50 45·41	0·84	3	+3·181	153 39 11·85	0·84	3	−20·04
1921	Lacaille 9667 ...	7·6	23 51 40·87	0·82	3	+3·150	147 53 36·97	0·82	3	−20·04
1922	Lacaille 9668 ...	7	23 51 50·49	0·84	3	+3·169	153 42 3·99	0·84	3	−20·04
1923	Lacaille 9669 ...	6	23 52 1·05	0·84	3	+3·147	147 58 35·22	0·84	3	−20·04
1924	Lacaille 9672 ...	7	23 52 35·73	0·78	3	+3·140	147 16 17·87	0·78	3	−20·04
1925	ω Piscium	4	23 52 53·54	0·79	2	+3·078				

No.	Star's Name.	Magnitude.	Mean R.A. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of R.A.	Precess. or Ann. Var. in R.A.	Mean N.P.D. 1875, Jan. 1.	Fraction of Year for Mean.	No. of Obs. of N.P.D.	Precess. or Ann. Var. in N.P.D.
			h m s			s	° ′ ″			″
1926	Lacaille 9693 ...	7	23 55 2·82	0·81	4	+3·131	153 37 10·67	0·81	4	−20·05
1927	Lacaille 9711 ...	7	23 58 21·27	0·75	3	+3·087	147 32 19·42	0·75	3	−20·05
1928	B.A.C. 8365 ...	6·7	23 58 39				91 11 49·78	0·78	1	−20·05
1929	Lacaille 9716 ...	6·7	23 58 59·54	0·80	3	+3·082	147 39 6·04	0·80	3	−20·05
1930	Lacaille 9719 ...	7	23 59 14·82	0·81	3	+3·080	150 0 22·70	0·81	3	−20·05